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Natural Gas Monthly
December 2002

Energy Information Administration
Office of Oil and Gas
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Washington, DC 20585

Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
Publications		
Weekly Natural Gas Storage Report	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
Natural Gas Weekly Update	HTML	Analysis of current price, supply and storage data
Natural Gas Monthly	PDF	Monthly supply, disposition, and price data
Natural Gas Annual	PDF	Annual supply, disposition, and price data
Historical Natural Gas Annual	PDF	Historical annual supply, disposition, and price data from 1930 - 2000
U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves	PDF	Proved reserves in the United States
Oil and Gas Field Code Master List	PDF	Listing of U.S. oil and gas field names
Databases		
Monthly Data	TXT	Tables 1-6, and 9 from the *Natural Gas Monthly*
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the *Natural Gas Annual*
Historical Annual Data	TXT	Tables from the *Historical Natural Gas Annual*
Applications		
EIA-176 Query System	EXE	Company filings of the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly (NGM)* is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the *NGM* may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The *NGM* highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the *NGM* features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the *NGM* is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through September 2002 for many data series at the national level. National-level natural gas prices are available through August 2002 (electric utilities), or September (residential, commercial, industrial, and wellhead). State-level data generally are available through September 2002, although underground storage data are available through October 2002.

Recent analyses of the natural gas industry are available on the EIA web site, www.eia.doe.gov, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- Weekly Natural *Gas Storage Report* — a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* - a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.

- *Short-Term Energy Outlook* - projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Table 1. Summary of Natural Gas Production in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production (Wet)	Extraction Loss[b]	Dry Gas Production[c]
1996 Total	**24,114**	**3,511**	**518**	**272**	**19,812**	**958**	**18,854**
1997 Total	**24,213**	**3,492**	**599**	**256**	**19,866**	**964**	**18,902**
1998 Total	**24,108**	**3,427**	**617**	**103**	**19,961**	**938**	**19,024**
1999 Total	**23,823**	**3,293**	**615**	**110**	**19,805**	**973**	**18,832**
2000							
January	2,061	302	51	8	1,700	86	1,614
February	1,917	289	50	10	1,569	80	1,489
March	2,085	307	54	7	1,717	87	1,630
April	1,966	282	51	10	1,623	82	1,540
May	2,009	264	52	8	1,686	86	1,600
June	1,971	268	52	8	1,643	83	1,560
July	2,024	264	53	11	1,697	86	1,611
August	2,042	275	53	8	1,707	87	1,620
September	1,985	279	52	8	1,647	84	1,563
October	2,088	302	53	8	1,725	88	1,638
November	1,986	297	45	7	1,636	83	1,553
December	2,019	306	54	7	1,652	84	1,568
Total	**24,153**	**3,434**	**617**	**100**	**20,002**	**1,016**	**18,987**
2001							
January	RE2,119	RE315	E46	E9	RE1,750	E89	RE1,661
February	RE1,918	E289	E39	RE7	RE1,582	RE80	RE1,502
March	RE2,152	E336	E43	E9	RE1,765	E90	RE1,675
April	RE2,051	E306	E42	E8	RE1,695	RE86	RE1,609
May	RE2,082	RE301	E41	E9	RE1,731	RE88	RE1,643
June	RE1,992	RE285	E41	E8	RE1,659	RE84	RE1,574
July	RE2,054	E285	E43	E9	RE1,716	RE87	RE1,628
August	RE2,063	E293	E43	E10	E1,718	E87	E1,631
September	RE1,980	E274	E42	E9	RE1,655	E84	RE1,571
October	RE2,069	E276	E44	RE9	RE1,739	RE88	RE1,651
November	RE2,049	RE322	E43	E9	RE1,675	E85	RE1,590
December	RE2,113	E336	E40	E9	RE1,728	E88	RE1,640
Total	**RE24,641**	**RE3,617**	**E508**	**RE105**	**RE20,412**	**RE1,037**	**RE19,375**
2002							
January	RE2,122	E327	E33	E9	RE1,753	RE89	RE1,664
February	RE1,915	RE305	E30	E8	RE1,573	E80	RE1,493
March	RE2,120	RE332	E34	E9	RE1,746	RE89	RE1,657
April	RE2,029	E312	E33	E8	RE1,677	RE85	RE1,591
May	RE2,103	E315	E34	E9	RE1,745	E89	RE1,656
June	RE2,026	E299	E33	E8	RE1,686	E86	RE1,600
July	RE2,071	E277	E34	E9	RE1,751	RE89	RE1,662
August	RE2,062	RE294	RE34	E8	RE1,725	RE88	RE1,638
September	E1,940	E274	E32	E8	E1,626	E83	E1,543
2002 YTD	**E18,388**	**E2,734**	**E296**	**E76**	**E15,281**	**E776**	**E14,505**
2001 YTD	**E18,410**	**E2,683**	**E380**	**E77**	**E15,270**	**E776**	**E14,494**
2000 YTD	**18,061**	**2,529**	**466**	**77**	**14,989**	**761**	**14,228**

[a] See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

[b] Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Equal to marketed production (wet) minus extraction loss.

[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels[a]	Net Imports	Net Storage Withdrawals[b]	Balancing Item[c]	Consumption[d]
1996 Total	**18,854**	**109**	**2,784**	**2**	**217**	**21,967**
1997 Total	**18,902**	**103**	**2,837**	**24**	**61**	**21,959**
1998 Total	**19,024**	**102**	**2,993**	**-530**	**-334**	**21,277**
1999 Total	**18,832**	**98**	**3,422**	**172**	**-897**	**21,620**
2000						
January	1,614	9	308	799	-220	2,510
February	1,489	8	279	460	95	2,331
March	1,630	7	286	155	-28	2,051
April	1,540	6	277	-47	6	1,783
May	1,600	6	268	-237	-5	1,633
June	1,560	5	280	-291	-41	1,513
July	1,611	7	303	-296	-99	1,526
August	1,620	7	298	-201	-71	1,653
September	1,563	6	284	-297	-81	1,475
October	1,638	7	301	-247	-131	1,568
November	1,553	8	305	295	-252	1,909
December	1,568	9	349	735	-74	2,587
Total	**18,987**	**86**	**3,538**	**829**	**-827**	**22,547**
2001						
January	RE1,661	E8	349	467	R119	R2,603
February	RE1,502	E7	303	338	R100	R2,249
March	RE1,675	E7	327	181	R-13	R2,178
April	RE1,609	E6	297	-276	R114	R1,749
May	RE1,643	E5	300	-448	R-51	R1,451
June	RE1,574	E5	300	-422	R-113	R1,344
July	RE1,628	E7	336	-376	R-136	R1,459
August	E1,631	E6	327	-305	R-178	R1,480
September	RE1,571	E6	284	-368	R-144	R1,348
October	RE1,651	E6	294	-189	R-254	R1,508
November	RE1,590	E7	256	-85	R-183	R1,585
December	RE1,640	E8	275	350	R-282	R1,991
Total	**RE19,375**	**E77**	**3,647**	**-1,134**	**R-1,019**	**R20,946**
2002						
January	RE1,664	E8	314	546	R-229	R2,303
February	RE1,493	E7	280	462	R-176	R2,066
March	RE1,657	E8	300	320	R-204	R2,081
April	RE1,591	E6	R282	-126	R-70	R1,683
May	RE1,656	E6	R290	-323	R-198	R1,431
June	RE1,600	E5	R279	-339	R-204	R1,342
July	RE1,662	E7	R325	-239	R-332	R1,422
August	RE1,638	E7	R331	-234	R-320	R1,422
September	E1,543	E6	312	-292	-258	1,312
2002 YTD	**E14,505**	**E59**	**2,714**	**-224**	**-1,991**	**15,063**
2001 YTD	**E14,494**	**E56**	**2,822**	**-1,211**	**-301**	**15,861**
2000 YTD	**14,228**	**62**	**2,583**	**46**	**-443**	**16,475**

[a] Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

[b] Monthly and annual data for 1996 through 2000 include underground storage and liquefied natural gas storage. Data for January 2001 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

[c] Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2000 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997. See Appendix A, Explanatory Note 9, for full discussion.

[d] Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

[R] Revised Data.

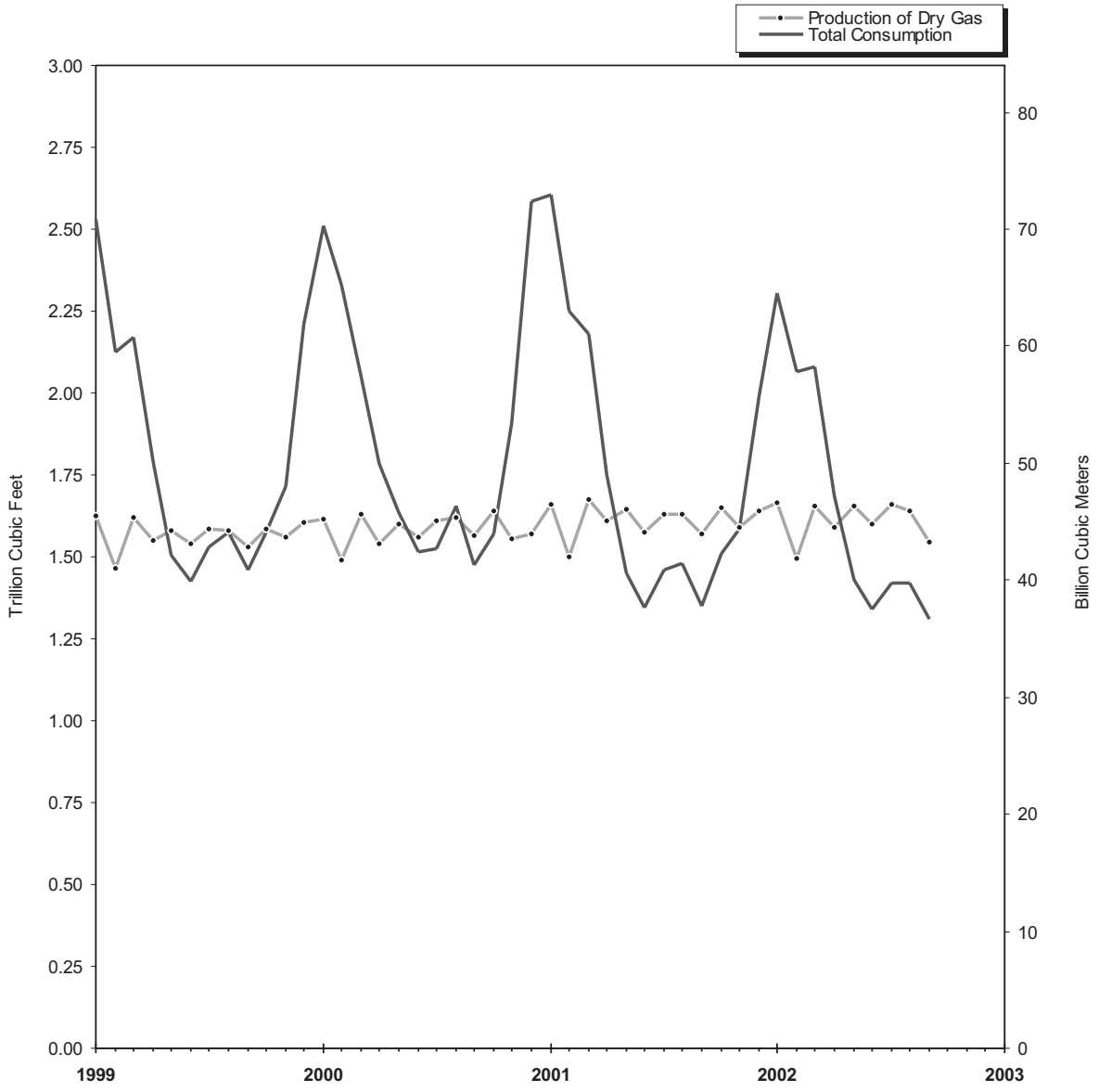
[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 2 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production and Consumption of Natural Gas in the United States, 1999-2002



Source: Table 2.

Table 3

Table 3. Natural Gas Consumption in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel[a]	Pipeline Fuel[b]	Delivered to Consumers					Total Consumption
			Residential	Commercial [c]	Industrial	Electric Utilities	Total	
1996 Total	**1,250**	**711**	**5,241**	**3,161**	**8,870**	**2,732**	**20,006**	**21,967**
1997 Total	**1,203**	**751**	**4,984**	**3,219**	**8,832**	**2,968**	**20,004**	**21,959**
1998 Total	**1,173**	**635**	**4,520**	**3,005**	**8,686**	**3,258**	**19,469**	**21,277**
1999 Total	**1,079**	**645**	**4,726**	**3,050**	**9,006**	**3,113**	**19,895**	**21,620**
2000								
January	96	73	862	454	835	190	2,342	2,510
February	89	67	774	423	809	167	2,174	2,331
March	97	59	550	353	785	208	1,894	2,051
April	92	51	401	259	767	215	1,640	1,783
May	94	46	228	183	772	309	1,492	1,633
June	92	43	154	150	767	307	1,378	1,513
July	95	43	128	139	746	373	1,387	1,526
August	96	47	122	153	825	410	1,510	1,653
September	93	42	141	151	765	284	1,340	1,475
October	98	44	236	184	793	213	1,426	1,568
November	93	55	482	293	806	180	1,761	1,909
December	94	75	913	475	843	187	2,418	2,587
Total	**1,130**	**644**	**4,992**	**3,226**	**9,512**	**3,043**	**20,772**	**22,547**
2001								
January	RE99	R74	984	500	R788	158	R2,430	R2,603
February	RE89	R64	784	424	R744	144	R2,096	R2,249
March	E100	R62	R685	376	R782	172	R2,016	R2,178
April	E96	R50	R402	257	R731	212	R1,603	R1,749
May	RE98	R41	210	166	R699	236	R1,311	R1,451
June	E94	R38	148	137	R666	261	R1,212	R1,344
July	E97	R42	125	132	R707	357	R1,320	R1,459
August	E97	R42	118	138	R724	361	R1,341	R1,480
September	RE93	39	129	143	R688	255	R1,216	R1,348
October	E98	R43	241	188	R714	225	R1,367	R1,508
November	E95	R45	367	230	R697	151	R1,446	R1,585
December	E98	R57	617	347	R719	153	R1,836	R1,991
Total	**RE1,153**	**R599**	**R4,812**	**3,037**	**R8,659**	**2,686**	**R19,194**	**R20,946**
2002								
January	RE99	R66	821	434	R736	147	R2,138	R2,303
February	E89	R59	704	394	R683	137	R1,918	R2,066
March	RE99	R59	666	375	R720	161	R1,923	R2,081
April	RE95	R48	419	271	R680	169	R1,540	R1,683
May	E99	R41	259	193	R660	180	R1,292	R1,431
June	RE95	R38	164	157	R660	229	R1,209	R1,342
July	RE99	41	128	145	R715	294	R1,282	R1,422
August	RE97	41	R117	150	R728	288	R1,284	R1,422
September	E92	37	125	162	670	226	1,182	1,312
2002 YTD[d]	**863**	**431**	**3,404**	**2,280**	**6,253**	**1,832**	**13,769**	**15,063**
2001 YTD[d]	**863**	**453**	**3,587**	**2,273**	**6,528**	**2,157**	**14,545**	**15,861**
2000 YTD[d]	**846**	**470**	**3,360**	**2,266**	**7,070**	**2,462**	**15,159**	**16,475**

[a] Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[b] Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Vehicle fuel is included in the annual total of deliveries to commercial consumers for 1996-2000 but not in the monthly volumes. Volumes delivered for use as vehicle fuel (in billion cubic feet) were 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, 5.7 in 1999, and 8.3 in 2000.

[d] Year-to-date volume represents months for which volume information is available in the current year.

[R] Revised Data.

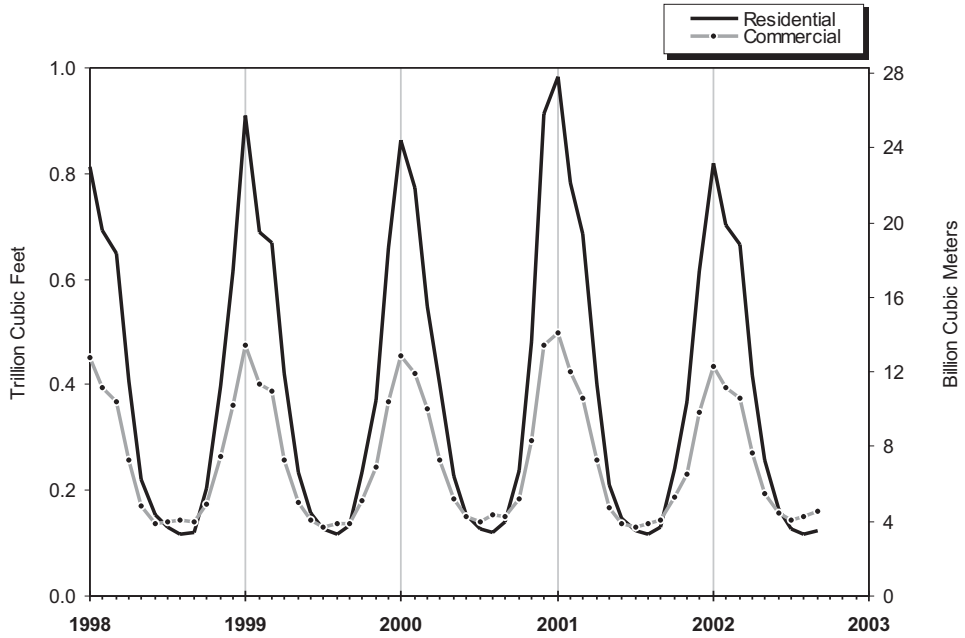
[E] Estimated Data.

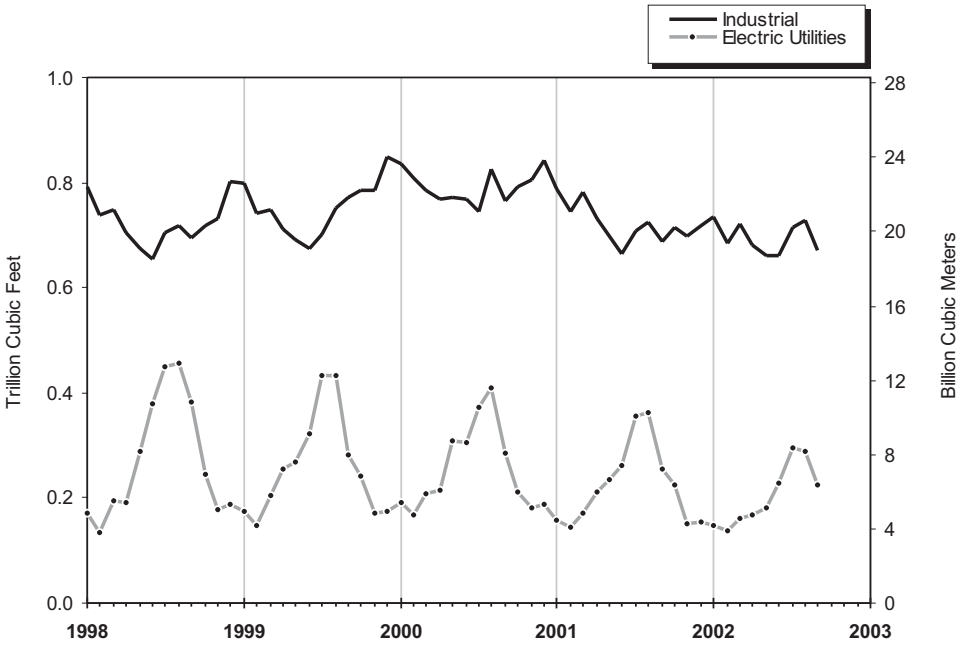
[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. See Explanatory Note 5 for further explanation.

Sources: 1996-2000: Energy Information Administration (EIA): Form EIA-895 "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," EIA computations, and *Natural Gas Annual 2000.* January 2001 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-759. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1998-2002





Source: Table 3.

Table 4

Table 4. Selected National Average Natural Gas Prices, 1996-2002

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price[a]	City Gate Price	Delivered to Consumers					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total[b]	Price	% of Total[b]	
1996 Annual Average	**2.17**	**3.34**	**6.34**	**5.40**	**77.6**	**3.42**	**19.4**	**2.69**
1997 Annual Average	**2.32**	**3.66**	**6.94**	**5.80**	**70.8**	**3.59**	**18.1**	**2.78**
1998 Annual Average	**1.96**	**3.07**	**6.82**	**5.48**	**67.0**	**3.14**	**16.1**	**2.40**
1999 Annual Average	**2.19**	**3.10**	**6.69**	**5.33**	**66.2**	**3.10**	**17.5**	**2.62**
2000								
January	2.60	3.27	6.37	5.78	66.5	3.41	18.7	2.74
February	2.73	3.48	6.54	5.96	67.4	3.68	19.4	2.96
March	2.66	3.54	6.91	5.78	62.4	3.54	18.2	3.00
April	2.86	3.72	7.19	6.04	61.2	3.59	18.0	3.23
May	3.04	4.15	8.26	5.98	59.6	3.67	17.0	3.63
June	3.77	5.19	9.50	6.49	56.5	4.24	18.1	4.45
July	3.84	5.20	10.33	6.56	55.5	4.55	17.6	4.35
August	3.73	4.63	10.37	6.09	57.7	4.33	17.1	4.27
September	4.26	5.21	10.10	6.93	56.0	4.88	16.5	4.85
October	4.58	5.66	9.44	7.49	58.5	5.45	16.6	5.17
November	4.40	5.20	8.58	7.57	63.0	5.39	19.8	5.37
December	5.77	6.64	8.56	8.20	67.5	6.67	20.4	8.23
Annual Average	**3.69**	**4.62**	**7.76**	**6.59**	**62.9**	**4.48**	**18.1**	**4.38**
2001								
January	[E]8.06	8.94	10.14	9.54	71.9	[R]8.65	[R]18.3	9.47
February	[E]5.84	7.10	10.28	9.80	70.6	[R]7.35	[R]18.0	6.85
March	[E]5.15	6.15	[R]9.86	9.14	68.3	[R]6.24	[R]17.1	5.69
April	[E]5.21	6.39	[R]10.15	[R]9.00	65.5	[R]6.04	[R]16.5	5.70
May	[E]4.56	5.87	[R]11.12	[R]9.22	59.6	[R]5.33	[R]15.3	5.15
June	[E]3.88	5.37	11.49	8.54	58.3	[R]4.70	[R]14.8	4.35
July	[E]3.39	4.32	11.08	7.92	53.2	[R]4.10	[R]15.8	3.84
August	[E]3.23	4.28	10.75	7.31	53.6	[R]3.99	[R]15.3	3.73
September	[E]2.55	3.66	10.12	6.92	52.6	[R]3.55	[R]16.1	3.15
October	[E]2.40	3.32	8.22	6.38	59.1	[R]3.27	[R]16.1	2.79
November	[E]2.74	3.98	7.97	6.91	63.8	[R]3.94	[R]16.7	3.31
December	[E]2.38	3.93	7.32	6.45	67.1	[R]3.65	[R]17.2	3.11
Annual Average	**[E]4.12**	**5.77**	**9.63**	**8.45**	**65.0**	**[R]5.19**	**[R]16.5**	**4.51**
2002								
January	[E]2.35	4.03	7.23	6.55	66.8	[R]3.97	[R]17.4	3.39
February	[E]2.14	3.78	7.19	6.51	65.6	[R]3.67	[R]17.4	3.10
March	[E]2.52	3.78	6.95	6.29	65.6	[R]3.80	[R]16.9	3.40
April	[E]3.02	4.09	7.55	6.62	60.3	[R]3.62	22.5	3.85
May	[E]3.01	4.02	8.41	6.76	57.0	[R]4.03	[R]20.2	3.73
June	[E]2.94	4.14	9.42	6.90	52.5	[R]3.89	[R]20.7	[R]3.66
July	[E]2.89	3.90	9.99	6.96	47.8	[R]3.79	18.6	[R]3.56
August	[E]2.77	3.59	[R]10.28	6.91	46.9	[R]3.70	[R]18.9	3.49
September	[E]2.98	4.07	10.08	6.77	47.6	3.82	18.2	[NA]
2002 YTD[c]	**[E]2.74**	**3.92**	**7.71**	**6.59**	**59.9**	**3.81**	**18.9**	**3.54**
2001 YTD[c]	**[E]4.65**	**6.50**	**10.28**	**9.07**	**65.2**	**5.71**	**16.4**	**5.10**
2000 YTD[c]	**3.28**	**3.97**	**7.32**	**6.03**	**62.2**	**3.96**	**17.9**	**3.76**

[a] See Appendix A, Explanatory Note 8, for discussion of wellhead prices.

[b] Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

[c] Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 3 months behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

[R] Revised Data.

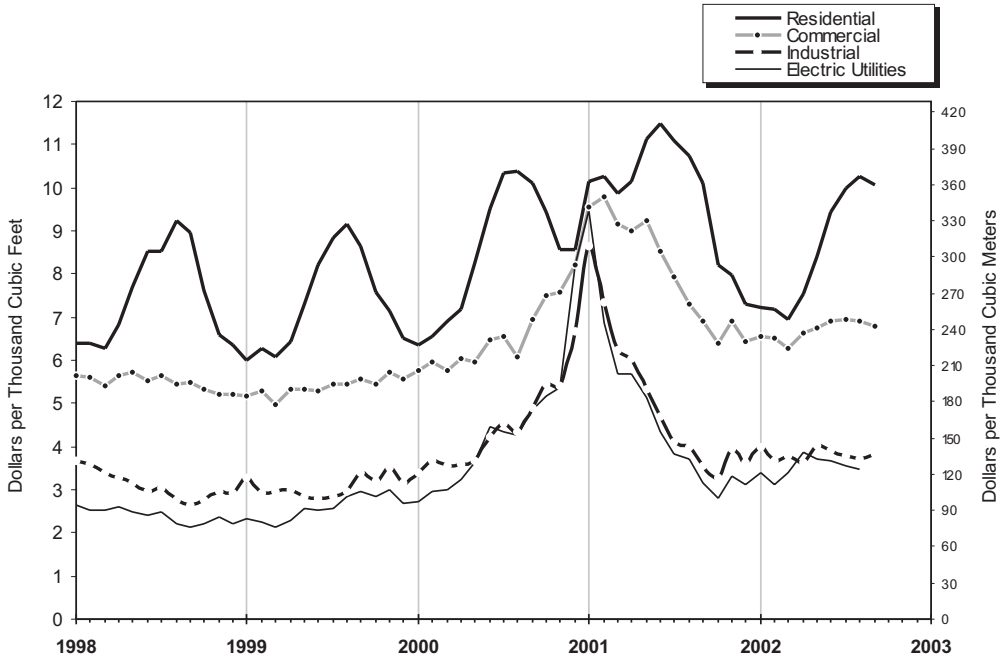
[E] Estimated Data.

[NA] Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. In 1996, consumption of natural gas for agricultural use was classified as industrial use. See Appendix A, Explanatory Note 5 for further explanation.

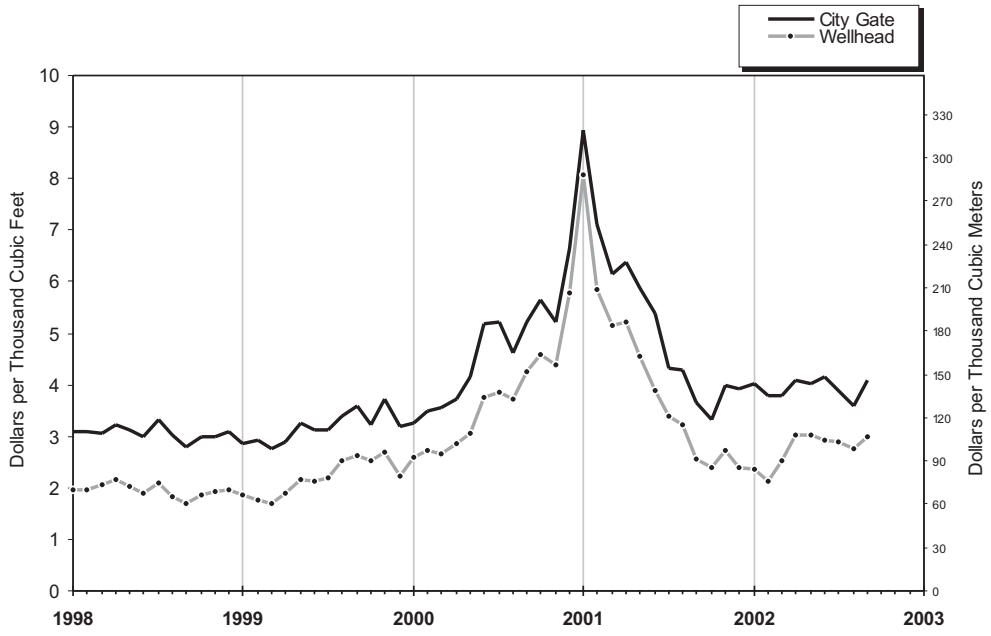
Sources: 1996-2000: Energy Information Administration (EIA) *Natural Gas Annual 2000.* January 2001 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1998-2002



Source: Table 4.

Figure 4. Average Price of Natural Gas in the United States, 1998-2002



Source: Table 4.

Table 5

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG					
	Canada		Mexico		Algeria		Australia		Nigeria	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1996 Total	**2,883,277**	**1.96**	**13,862**	**2.25**	**35,325**	**2.70**	**0**	—	**0**	—
1997 Total	**2,899,152**	**2.15**	**17,243**	**2.31**	**65,675**	**2.67**	**9,686**	**2.92**	**0**	—
1998 Total	**3,052,073**	**1.95**	**14,532**	**2.03**	**68,567**	**2.51**	**11,634**	**3.30**	**0**	—
1999 Total	**3,367,545**	**2.23**	**54,530**	**2.14**	**75,763**	**2.41**	**11,904**	**2.70**	**0**	—
2000										
January	310,181	2.42	2,911	2.30	5,026	2.61	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.76	0	—	0	—
March	291,469	2.60	316	2.60	3,990	2.49	0	—	0	—
April	273,881	2.85	756	2.97	2,566	2.72	2,274	3.21	0	—
May	274,616	3.05	0	—	2,453	3.13	0	—	0	—
June	278,529	3.89	0	—	2,529	3.53	0	—	2,488	4.14
July	293,353	3.99	27	4.01	2,562	3.40	2,285	3.26	2,496	4.86
August	295,355	3.65	10	4.64	2,370	3.87	0	—	2,510	3.56
September	282,921	4.19	209	5.00	2,556	4.11	1,270	3.28	2,658	3.52
October	296,022	5.27	1,115	5.17	7,570	3.46	0	—	2,503	5.80
November	309,337	4.94	1,231	5.61	2,552	3.98	116	3.44	0	—
December	349,079	7.47	4,297	8.73	7,786	4.29	0	—	0	—
Total	**3,543,966**	**3.97**	**11,601**	**5.43**	**46,947**	**3.48**	**5,945**	**3.25**	**12,654**	**4.37**
2001										
January	353,515	9.63	2,416	7.98	5,020	4.05	0	—	2,478	10.79
February	306,961	6.49	1,139	5.45	7,658	5.52	0	—	5,068	6.25
March	335,175	5.42	1,482	4.89	7,606	5.87	0	—	2,535	9.05
April	296,754	5.40	2,102	5.11	5,009	3.88	0	—	4,822	5.42
May	301,938	5.01	157	4.44	7,572	3.58	0	—	5,067	5.43
June	297,497	3.92	0	—	3,943	2.71	0	—	7,547	4.92
July	341,932	3.12	0	—	7,754	3.14	1,187	3.79	2,888	5.09
August	336,466	3.11	0	—	5,058	2.73	1,207	3.92	2,606	2.99
September	295,061	2.58	0	—	5,087	2.76	0	—	4,955	3.30
October	316,637	2.14	0	—	2,491	2.48	0	—	0	—
November	285,244	2.96	160	2.04	2,510	2.25	0	—	0	—
December	295,445	2.67	2,821	2.44	5,237	2.68	0	—	0	—
Total	**3,762,624**	**4.43**	**10,276**	**5.00**	**64,945**	**3.73**	**2,394**	**3.86**	**37,966**	**5.56**
2002										
January	339,860	2.70	956	2.58	2,726	3.77	0	—	0	—
February	302,111	2.29	798	2.09	0	—	0	—	0	—
March	328,138	2.61	0	—	0	—	0	—	0	—
April	R303,876	3.28	0	—	1,912	3.18	0	—	0	—
May	R301,557	R3.25	0	—	7,344	3.43	0	—	0	—
June	R299,643	3.06	0	—	4,665	3.60	0	—	0	—
July	R348,166	R2.82	R0	—	R4,665	R3.41	0	—	0	—
August	R353,983	R2.66	R0	—	0	—	0	—	2,720	R3.61
September	R343,866	R3.05	R0	—	0	—	0	—	0	—
October	E360,305	NA	0	—	0	—	0	—	0	—
2002 YTD	**E3,281,503**	**NA**	**1,755**	**2.36**	**21,313**	**3.48**	**0**	—	**2,720**	**3.61**
2001 YTD	**3,181,936**	**4.73**	**7,295**	**6.05**	**57,198**	**3.90**	**2,394**	**3.86**	**37,966**	**5.56**
2000 YTD	**2,885,550**	**3.45**	**6,073**	**3.05**	**36,608**	**3.28**	**5,829**	**3.24**	**12,654**	**4.37**

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

Year and Month	LNG								Total	
	Qatar		Trinidad		United Arab Emirates		Other		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**0**	—	**0**	—	**4,949**	**3.46**	**0**	—	**2,937,413**	**1.97**
1997 Total	**0**	—	**0**	—	**2,417**	**3.74**	**0**	—	**2,994,173**	**2.17**
1998 Total	**0**	—	**0**	—	**5,252**	**2.63**	**0**	—	**3,152,058**	**1.97**
1999 Total	**19,697**	**2.71**	**50,777**	**2.39**	**2,713**	**3.03**	[a]**2,576**	**2.36**	**3,585,505**	**2.24**
2000										
January	0	—	7,780	3.01	0	—	0	—	325,897	2.44
February	0	—	5,168	2.91	0	—	0	—	300,107	2.60
March	2,428	2.79	8,393	2.89	0	—	0	—	306,596	2.61
April	7,254	2.71	7,285	3.05	0	—	0	—	294,016	2.86
May	0	—	10,723	3.05	0	—	0	—	287,793	3.05
June	2,385	2.76	7,390	3.48	2,725	3.53	0	—	296,046	3.87
July	4,793	3.97	14,307	3.30	0	—	[b]2,464	2.86	322,285	3.94
August	7,167	3.15	8,435	3.30	0	—	[b]2,461	2.86	318,308	3.62
September	7,625	3.97	4,864	2.98	0	—	[b]2,740	4.20	304,843	4.15
October	7,165	4.14	7,392	3.65	0	—	[c]2,760	3.99	324,527	5.16
November	7,241	3.32	6,950	3.85	0	—	[b]2,333	3.44	329,759	4.86
December	0	—	10,262	5.14	0	—	0	—	371,425	7.35
Total	**46,057**	**3.44**	**98,949**	**3.43**	**2,725**	**3.53**	**12,758**	**3.50**	**3,781,603**	**3.95**
2001										
January	0	—	10,707	7.04	0	—	0	—	374,136	9.48
February	0	—	6,635	4.78	0	—	[b]2,738	8.70	330,199	6.44
March	2,400	3.17	10,704	4.74	0	—	0	—	359,902	5.42
April	2,452	6.60	8,028	4.26	0	—	[b]1,702	4.65	320,869	5.35
May	4,975	4.47	9,530	4.15	0	—	0	—	329,238	4.95
June	3,076	5.82	10,407	3.77	0	—	[b]1,616	3.99	324,087	3.94
July	4,934	3.97	6,701	3.95	0	—	[b]1,635	4.65	367,031	3.17
August	0	—	7,519	3.60	0	—	[b]2,728	4.99	355,584	3.13
September	4,919	3.24	5,230	3.68	0	—	[b]1,635	4.65	316,888	2.63
October	0	—	9,234	2.17	0	—	0	—	328,362	2.14
November	0	—	5,340	3.19	0	—	0	—	293,253	2.96
December	0	—	7,975	3.12	0	—	0	—	311,478	2.68
Total	**22,758**	**4.37**	**98,009**	**4.14**	**0**	—	**12,055**	**5.56**	**4,011,027**	**4.43**
2002										
January	0	—	5,318	3.71	0	—	0	—	348,860	2.72
February	0	—	7,571	3.00	0	—	0	—	310,480	2.31
March	0	—	10,151	2.68	0	—	0	—	338,290	2.61
April	5,030	3.03	10,271	3.09	0	—	0	—	[R]321,089	3.27
May	5,612	3.45	10,312	3.23	0	—	[a,d]4,824	3.13	[R]329,649	3.25
June	13,903	3.43	7,256	3.18	0	—	0	—	[R]325,467	3.09
July	5,375	[R]3.56	11,360	[R]3.22	0	—	0	—	[R]369,566	[R]2.85
August	2,644	[R]3.16	[R]15,796	[R]3.06	0	—	[b]3,013	[R]3.34	[R]378,157	[R]2.69
September	2,517	[R]3.59	14,369	[R]3.30	0	—	0	—	[R]360,752	[R]3.06
October	0	—	10,080	NA	0	—	0	—	[E]370,384	NA
2002 YTD	**35,081**	**3.39**	**102,485**	NA	**0**	—	**7,838**	**3.21**	[E]**3,452,694**	NA
2001 YTD	**22,758**	**4.37**	**84,694**	**4.29**	**0**	—	**12,055**	**5.56**	**3,406,296**	**4.72**
2000 YTD	**38,816**	**3.47**	**81,737**	**3.18**	**2,725**	**3.53**	**10,425**	**3.51**	**3,080,419**	**3.44**

[a] Received from Malaysia.
[b] Received from Oman.
[c] Received from Indonesia.
[d] Received from Brunei.
[R] Revised Data.
[E] Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6

Table 6. U.S. Natural Gas Exports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG				Total	
	Canada		Mexico		Japan		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**51,905**	**2.67**	**33,840**	**2.11**	**67,648**	**3.65**	**0**	—	**153,393**	**2.97**
1997 Total	**56,447**	**2.52**	**38,372**	**2.46**	**62,187**	**3.83**	**0**	—	**157,006**	**3.02**
1998 Total	**39,891**	**2.25**	**53,133**	**2.04**	**65,951**	**2.91**	**33**	**5.69**	**159,007**	**2.45**
1999 Total	**38,508**	**2.35**	**61,025**	**2.27**	**63,607**	**3.08**	**275**	**6.95**	**163,415**	**2.61**
2000										
January	6,234	2.50	5,937	2.39	5,569	4.04	36	5.82	17,776	2.95
February	9,017	2.70	6,394	2.62	5,566	4.08	37	5.82	21,015	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,505	3.00
April	3,093	2.86	8,222	2.94	5,670	4.25	30	5.82	17,015	3.37
May	3,732	3.15	10,338	3.23	5,709	4.27	31	5.82	19,810	3.52
June	3,742	4.11	8,714	4.30	3,763	4.34	30	5.82	16,249	4.27
July	3,762	4.37	10,157	4.52	5,597	4.36	29	5.82	19,546	4.45
August	3,900	3.90	11,248	4.16	5,598	4.22	29	5.82	20,775	4.13
September	4,682	4.76	10,265	5.07	5,592	4.37	28	5.82	20,568	4.81
October	5,327	5.26	10,197	5.31	7,512	4.51	35	5.82	23,070	5.04
November	9,877	3.97	9,154	4.78	5,686	4.49	51	5.82	24,767	4.39
December	10,169	4.32	6,834	8.57	5,579	4.51	38	5.82	22,621	5.65
Total	**72,586**	**3.66**	**105,102**	**4.26**	**65,610**	**4.31**	**418**	**5.82**	**243,716**	**4.10**
2001										
January	11,818	6.84	8,111	10.34	5,571	4.68	47	5.82	25,547	7.48
February	15,379	5.41	8,009	7.06	3,714	4.73	42	5.82	27,144	5.80
March	19,691	4.52	7,110	6.22	5,569	4.70	42	5.82	32,412	4.93
April	12,683	5.67	5,326	7.10	5,594	4.25	34	5.82	23,637	5.66
May	13,328	5.00	9,940	6.88	5,677	4.22	35	5.82	28,981	5.49
June	9,568	4.05	11,183	5.27	3,780	4.28	23	5.82	24,554	4.64
July	10,449	3.38	14,939	3.53	5,665	4.27	32	5.82	31,086	3.62
August	7,567	3.19	15,531	3.31	5,684	4.29	33	5.82	28,814	3.47
September	10,030	2.46	17,610	2.45	5,676	4.39	35	5.82	33,350	2.79
October	10,907	2.22	15,920	2.29	7,576	4.41	49	5.82	34,452	2.74
November	15,819	3.12	15,489	2.98	5,644	4.29	47	5.82	37,000	3.24
December	20,224	2.51	10,751	2.55	5,602	4.29	46	5.82	36,624	2.80
Total	**157,462**	**4.06**	**139,920**	**4.34**	**65,753**	**4.39**	**465**	**5.82**	**363,600**	**4.23**
2002										
January	16,274	2.61	12,562	2.66	5,605	4.26	51	5.82	34,491	2.90
February	15,822	2.15	10,770	2.25	3,755	4.02	37	5.82	30,383	2.42
March	14,270	2.43	18,213	2.70	5,619	3.73	39	5.82	38,141	2.75
April	12,619	3.28	19,122	3.52	7,427	3.67	26	5.82	39,194	3.47
May	14,777	3.33	22,799	3.27	1,853	3.76	30	5.82	39,459	3.32
June	15,618	3.27	24,948	3.14	5,586	3.84	25	5.82	46,178	3.27
July	R11,422	R3.18	R27,886	R3.21	5,588	R4.08	R19	R5.82	R44,915	R3.31
August	R12,765	R2.61	R29,243	R2.92	R5,583	R4.25	R24	R5.82	R47,615	R2.99
September	R14,876	R3.20	R27,775	R3.25	5,583	R4.29	R28	R5.82	R48,262	R3.36
October	E16,573	NA	E24,948	NA	5,571	NA	NA	NA	E47,092	NA
2002 YTD	**E145,015**	NA	**E218,266**	NA	**52,170**	NA	NA	NA	**E415,730**	NA
2001 YTD	**121,419**	**4.44**	**113,680**	**4.69**	**54,506**	**4.41**	**372**	**5.82**	**289,977**	**4.53**
2000 YTD	**52,541**	**3.48**	**89,113**	**3.88**	**54,344**	**4.27**	**330**	**5.82**	**196,328**	**3.88**

R Revised Data.
E Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet)

Year and Month	Alabama[b]	Alaska	Arizona	California	Colorado	Florida	Kansas
1996 Total	**530,841**	**480,828**	**463**	**286,494**	**572,071**	**6,006**	**712,796**
1997 Total	**583,272**	**468,311**	**452**	**285,690**	**637,375**	**6,114**	**687,215**
1998 Total	**562,714**	**466,648**	**457**	**315,277**	**696,321**	**5,796**	**603,586**
1999 Total	**545,464**	**462,967**	**474**	**382,715**	**722,738**	**5,933**	**553,419**
2000							
January	46,526	42,242	37	31,663	65,091	564	49,597
February	44,084	38,430	26	27,675	60,155	547	41,606
March	43,869	42,505	27	29,706	64,390	653	44,924
April	43,318	37,290	28	28,970	61,056	595	43,591
May	44,231	33,531	31	30,981	65,137	575	43,837
June	43,196	35,890	32	30,558	59,184	474	44,129
July	43,985	35,559	32	32,823	62,541	544	43,938
August	43,790	35,910	33	33,111	64,332	533	43,603
September	40,731	37,148	33	32,377	62,304	550	42,078
October	42,755	39,354	33	33,723	63,606	472	43,078
November	42,511	38,897	32	32,540	63,005	465	41,891
December	43,614	42,239	24	32,454	62,182	519	43,457
Total	**522,610**	**458,995**	**368**	**376,580**	**752,985**	**6,491**	**525,729**
2001							
January	30,460	42,459	31	32,450	[E]62,027	454	41,780
February	27,096	38,318	28	29,821	[E]59,310	397	36,909
March	29,918	42,727	31	32,074	[E]61,791	436	40,535
April	28,864	39,572	32	30,325	[E]59,791	499	39,420
May	29,742	35,882	28	32,404	[E]62,480	440	39,967
June	28,993	34,653	25	31,753	[E]58,715	473	38,721
July	30,616	37,163	26	31,644	[E]61,195	553	40,646
August	30,999	37,228	24	31,826	[E]62,205	531	39,335
September	30,102	36,172	22	30,562	[E]60,192	489	37,483
October	30,194	39,306	20	31,516	[E]63,033	701	38,286
November	29,379	43,007	15	29,973	[E]61,942	382	37,123
December	30,446	45,344	25	31,507	[E]63,617	353	38,451
Total	**356,811**	**471,831**	**307**	**375,856**	**[E]736,299**	**5,706**	**468,658**
2002							
January	29,630	42,257	26	30,928	[E]63,426	342	39,644
February	27,082	38,966	23	28,337	[E]61,342	256	35,325
March	29,188	41,993	26	31,562	[E]62,671	386	38,902
April	28,529	40,086	23	29,413	[E]60,368	291	38,190
May	28,868	35,924	23	30,596	[E]63,885	296	39,173
June	28,600	37,109	24	30,261	[E]59,540	287	38,427
July	29,706	36,269	29	30,268	[E]62,125	266	[R]38,173
August	31,112	37,345	28	30,113	[E]63,247	243	38,316
2002 YTD	**232,715**	**309,948**	**203**	**241,478**	**[E]496,605**	**2,366**	**306,150**
2001 YTD	**236,689**	**308,002**	**226**	**252,299**	**[E]487,514**	**3,782**	**317,314**
2000 YTD	**353,000**	**301,357**	**246**	**245,485**	**501,887**	**4,485**	**355,224**

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Louisiana[b]	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1996 Total	**5,289,742**	**245,740**	**103,263**	**50,996**	**1,554,087**	**49,674**	**1,734,887**
1997 Total	**5,229,821**	**305,950**	**107,300**	**52,437**	**1,558,633**	**52,401**	**1,703,888**
1998 Total	**5,277,188**	**278,076**	**108,068**	**57,645**	**1,501,098**	**53,185**	**1,669,367**
1999 Total	**5,275,730**	**277,364**	**111,021**	**61,163**	**1,511,671**	**52,862**	**1,594,002**
2000							
January	421,366	22,586	8,241	6,003	145,404	4,585	140,183
February	392,889	15,849	5,386	5,480	137,819	4,116	125,741
March	429,630	33,893	7,350	6,016	147,050	4,291	140,811
April	415,525	12,551	6,785	5,614	137,212	4,278	132,697
May	428,197	26,709	7,527	5,809	143,431	4,543	136,652
June	413,358	17,328	6,938	5,369	136,470	4,322	136,693
July	431,309	30,404	7,347	5,888	141,810	4,505	138,946
August	434,049	33,002	7,571	5,833	139,961	4,320	139,930
September	421,580	24,743	7,227	5,723	139,149	4,329	132,330
October	435,279	38,453	7,958	6,039	141,187	4,490	145,745
November	417,355	25,882	7,693	5,741	136,170	4,178	119,411
December	428,327	15,156	8,535	6,422	141,754	4,469	123,749
Total	**5,068,863**	**296,556**	**88,558**	**69,936**	**1,687,416**	**52,426**	**1,612,890**
2001							
January	[R]458,821	27,354	8,958	6,555	138,892	4,537	[E]141,360
February	[R]421,635	13,735	7,749	5,906	126,673	4,019	[E]129,640
March	[R]476,174	29,621	8,398	6,364	137,458	4,548	[E]143,530
April	[R]454,168	20,195	9,892	6,215	132,246	4,564	[E]138,900
May	[R]458,974	35,791	10,332	6,273	126,566	4,569	[E]143,395
June	[R]443,456	17,942	8,440	6,036	[E]120,771	4,349	[E]138,768
July	[R]457,943	20,115	9,313	6,452	[E]125,274	4,649	[E]143,395
August	[R]457,545	26,818	9,494	6,308	[E]126,287	4,753	[E]142,600
September	[R]440,751	14,571	8,341	6,502	[E]122,513	4,502	[E]137,328
October	[R]454,665	29,294	9,074	7,031	[E]126,806	4,574	[E]141,906
November	[R]439,238	24,190	8,353	7,193	[E]120,164	4,596	[E]136,641
December	[R]450,912	31,547	9,196	7,122	[E]118,092	4,771	[E]141,619
Total	**[R]5,414,282**	**291,172**	**107,540**	**77,958**	**[E]1,521,742**	**54,432**	**[E]1,679,082**
2002							
January	[R]456,704	34,593	9,510	7,569	137,980	4,763	[E]135,659
February	[R]412,059	13,357	8,688	6,715	124,271	4,263	[E]123,144
March	[R]457,345	31,113	9,016	7,131	137,618	4,712	[E]137,542
April	[R]443,654	17,564	8,706	6,993	129,207	4,617	[E]132,944
May	[R]461,186	29,128	9,321	6,969	133,492	4,910	[E]137,734
June	[R]448,492	17,707	9,065	6,641	[E]125,700	4,628	[E]134,508
July	[R]462,419	34,483	9,067	6,746	134,156	4,766	[E]137,627
August	461,678	13,999	9,443	6,697	[E]134,737	4,865	[E]137,856
2002 YTD	**3,603,537**	**191,945**	**72,817**	**55,460**	**[E]1,057,162**	**37,524**	**[E]1,077,014**
2001 YTD	**3,628,716**	**191,571**	**72,576**	**50,110**	**[E]1,034,167**	**35,988**	**[E]1,121,588**
2000 YTD	**3,366,322**	**192,322**	**57,145**	**46,012**	**1,129,157**	**34,960**	**1,091,654**

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas[c]	Utah	Wyoming	Other[a] States	U.S. Total
1996 Total	**1,439**	**6,470,620**	**250,767**	**666,036**	**805,491**	**19,812,241**
1997 Total	**1,173**	**6,453,873**	**257,139**	**738,368**	**736,679**	**19,866,093**
1998 Total	**1,067**	**6,408,444**	**277,340**	**903,836**	**775,235**	**19,961,348**
1999 Total	**1,291**	**6,211,613**	**262,614**	**971,230**	**800,579**	**19,804,848**
2000						
January	124	522,128	22,008	92,837	79,277	1,700,461
February	105	488,863	20,526	84,714	74,653	1,568,663
March	107	531,944	21,916	90,043	78,056	1,717,180
April	99	507,411	21,255	87,761	76,693	1,622,729
May	102	529,617	22,525	90,699	71,637	1,685,770
June	94	523,281	21,638	87,579	76,514	1,643,048
July	90	531,434	22,772	90,281	72,583	1,696,792
August	96	531,705	22,864	90,812	75,554	1,707,010
September	97	509,474	22,664	89,472	75,066	1,647,075
October	109	526,000	23,374	95,215	78,431	1,725,300
November	97	508,353	22,943	91,715	77,322	1,636,200
December	93	495,039	24,801	97,201	82,022	1,652,058
Total	**1,214**	**6,205,249**	**269,285**	**1,088,328**	**917,808**	**20,002,287**
2001						
January	113	539,175	24,309	111,315	[RE]78,634	[RE]1,749,684
February	108	485,370	22,368	101,763	[RE]71,305	[RE]1,582,151
March	116	536,836	24,876	114,525	[RE]75,050	[RE]1,765,009
April	102	523,416	24,381	109,921	[RE]72,087	[RE]1,694,591
May	97	539,296	24,261	110,238	[RE]70,644	[RE]1,731,378
June	89	521,986	23,502	108,676	[RE]71,248	[RE]1,658,598
July	93	539,802	22,972	112,311	[RE]71,488	[RE]1,715,651
August	89	534,645	22,826	112,881	[RE]71,474	[RE]1,717,866
September	80	518,138	22,649	112,708	[RE]71,603	[RE]1,654,708
October	80	541,722	23,854	120,064	[RE]76,990	[RE]1,739,117
November	68	519,853	23,854	115,447	[RE]73,997	[RE]1,675,415
December	76	535,555	24,578	115,728	[RE]78,683	[RE]1,727,621
Total	**1,110**	**6,335,794**	**284,431**	**1,345,576**	**[RE]883,204**	**[RE]20,411,789**
2002						
January	75	[R]539,508	24,544	117,851	[RE]78,193	[RE]1,753,202
February	69	[R]486,456	22,492	109,212	[RE]70,892	[RE]1,572,947
March	71	[R]539,002	24,655	118,039	[RE]74,636	[RE]1,745,609
April	74	[R]525,435	23,114	115,733	[RE]71,703	[RE]1,676,645
May	73	[R]548,485	23,968	120,648	[RE]70,266	[RE]1,744,945
June	73	[R]535,059	22,596	116,345	[RE]70,877	[RE]1,685,938
July	71	[R]550,247	[R]23,215	120,006	[RE]71,098	[RE]1,750,737
August	[E]68	546,993	[E]22,644	114,873	[E]71,082	[E]1,725,338
2002 YTD	**[E]575**	**4,271,185**	**[E]187,226**	**932,707**	**[E]578,746**	**[E]13,655,362**
2001 YTD	**806**	**4,220,526**	**189,495**	**881,629**	**[E]581,931**	**[E]13,614,929**
2000 YTD	**818**	**4,166,383**	**175,503**	**714,726**	**604,967**	**13,341,654**

[a] Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2001 and later data monthly values for these States are estimated.

[b] For Alabama and Louisiana, all data for 1996 through 2000 include Federal Offshore production. For 2001, Alabama data do not include Federal Offshore production, while data for Louisiana include both the Louisiana and Alabama portions of Federal Offshore Production.

[c] Federal offshore production volumes are included.

[R] Revised Data.

[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000.* January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8

Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State, August 2002

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	32,959	482	33,441	526	1,704	98	31,112
Alaska	15,383	259,408	274,791	236,901	0	545	37,345
Arizona	28	0	28	0	0	0	28
California	7,566	25,747	33,312	2,589	410	200	30,113
Colorado	E54,930	E8,942	E63,872	E556	0	E70	E63,247
Florida	0	275	275	0	32	0	243
Kansas	36,012	2,408	38,420	65	0	38	38,316
Louisiana	406,274	61,075	467,348	3,665	0	2,005	461,678
Michigan	11,394	2,848	14,242	100	0	143	13,999
Mississippi	12,208	425	12,633	489	2,428	274	9,443
Montana	6,724	0	6,724	0	0	27	6,697
New Mexico	E117,999	E18,836	E136,835	E1,844	0	E255	E134,737
North Dakota	1,260	3,870	5,129	0	13	251	4,865
Oklahoma	E124,626	E13,230	137,856	0	0	0	E137,856
Oregon	E68	0	E68	0	0	0	E68
Texas	484,997	117,355	602,352	38,981	13,844	2,534	546,993
Utah	E20,711	E2,712	E23,422	E30	0	E749	E22,644
Wyoming	125,056	14,288	139,345	8,583	14,844	1,045	114,873
Other States	E69,216	E2,500	E71,716	0	E489	E144	E71,082
Total	**E1,527,409**	**E534,400**	**E2,061,809**	**E294,330**	**E33,764**	**E8,378**	**E1,725,338**

[a] See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

E Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

Table 9. Underground Natural Gas Storage - All Operators, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total[b]	Volume	Percent	Injections	Withdrawals	Net Withdrawals[c]
1996 Total[a]	—	—	—	—	—	**2,906**	**2,911**	**6**
1997 Total[a]	—	—	—	—	—	**2,800**	**2,824**	**24**
1998 Total[a]	—	—	—	—	—	**2,905**	**2,379**	**-526**
1999 Total[a]	—	—	—	—	—	**2,598**	**2,772**	**174**
2000								
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
Total	—	—	—	—	—	**2,684**	**3,498**	**814**
2001								
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
Total	—	—	—	—	—	**3,399**	**2,264**	**-1,134**
2002								
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234
September	[R]4,342	[R]3,042	[R]7,384	[R]97	[R]3.3	364	72	-292
October	4,342	3,116	7,458	-28	-0.9	229	145	-84

[a] Total as of December 31.

[b] Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1996 - 7,980; 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; and 2000 - 8,241.

[c] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

[R] Revised Data.

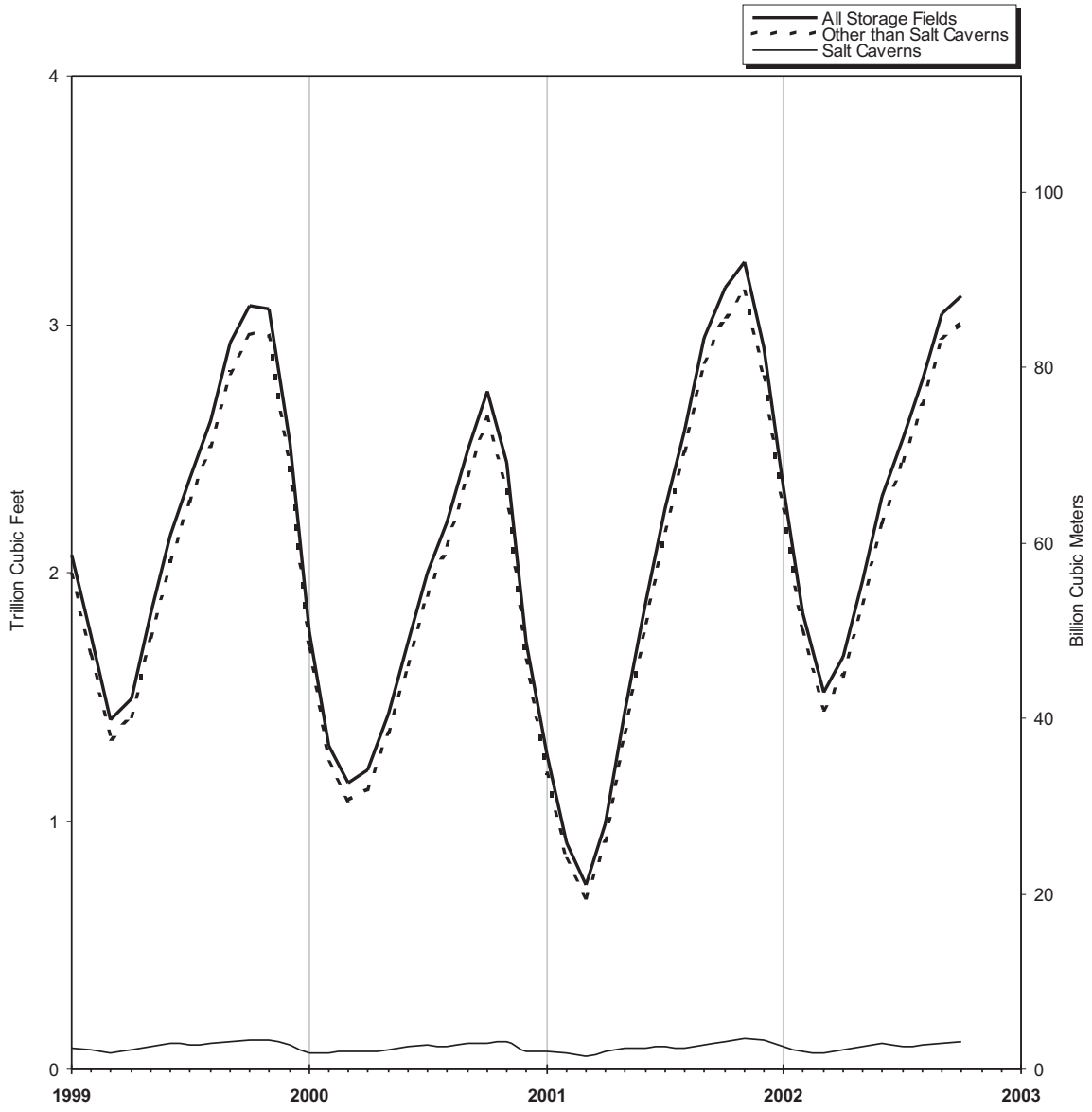
— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 1999-2002



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 2000-2002

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals[a]
March 2000	4,364	1,153	5,517	-255	-18.0	139	291	152
2000 Refill Season								
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
Total	—	—	—	—	—	**2,230**	**651**	**-1,579**
2000-2001 Heating Season								
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
Total	—	—	—	—	—	**450**	**2,443**	**1,993**
2001 Refill Season								
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
Total	—	—	—	—	—	**2,819**	**435**	**-2,384**
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
Total	—	—	—	—	—	**523**	**2,115**	**1,593**
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234
September	[R]4,342	[R]3,042	[R]7,384	[R]97	[R]3.3	364	72	-292
October	4,342	3,116	7,458	-28	-0.9	229	145	-84
Total	—	—	—	—	—	**2,269**	**633**	**-1,636**

[a] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

[R] Revised Data.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total[a]	—	—	—	—	—	**258**	**246**	**-13**
1997 Total[a]	—	—	—	—	—	**267**	**274**	**6**
1998 Total[a]	—	—	—	—	—	**297**	**275**	**-22**
1999 Total[a]	—	—	—	—	—	**260**	**259**	**-1**
2000								
January	68	65	133	-15	-21.2	16	50	34
February	68	66	134	-12	-15.1	23	22	-1
March	69	69	138	0	1.5	24	20	-3
April	69	74	143	-4	-5.5	24	19	-5
May	70	77	147	-17	-18.1	27	24	-3
June	70	90	160	-12	-11.4	31	18	-13
July	71	97	168	1	1.7	30	21	-9
August	72	90	161	-13	-12.3	24	32	8
September	71	101	172	-12	-9.7	31	18	-12
October	71	107	178	-9	-6.6	29	20	-9
November	71	110	182	-9	-5.2	21	23	1
December	70	72	142	-28	-28.0	18	55	36
Total	—	—	—	—	—	**296**	**320**	**24**
2001								
January	71	73	144	9	13.5	33	31	-1
February	69	67	136	1	1.1	19	27	8
March	69	53	122	-16	-23.6	20	34	14
April	69	71	140	-3	-4.4	33	15	-18
May	71	85	156	8	10.4	30	14	-16
June	71	85	155	-5	-5.1	26	25	-1
July	71	89	160	-8	-8.4	29	25	-4
August	71	86	157	-2	-2.7	27	29	2
September	71	100	171	0	-0.3	33	19	-14
October	71	108	180	1	0.8	33	24	-8
November	77	123	200	13	11.6	35	21	-14
December	77	115	191	43	59.4	19	28	9
Total	—	—	—	—	—	**337**	**293**	**-44**
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	36	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	19	-16
June	77	104	181	19	22.2	32	21	-10
July	80	91	171	2	2.7	29	36	7
August	80	96	176	10	11.3	32	27	-5
September	81	102	184	2	2.2	34	27	-7
October	82	108	190	0	0.1	38	31	-7

[a] Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total[a]	—	—	—	—	—	**2,647**	**2,665**	**18**
1997 Total[a]	—	—	—	—	—	**2,533**	**2,551**	**18**
1998 Total[a]	—	—	—	—	—	**2,608**	**2,103**	**-504**
1999 Total[a]	—	—	—	—	—	**2,338**	**2,512**	**175**
2000								
January	4,310	1,696	6,006	-280	-14.8	44	791	748
February	4,309	1,238	5,547	-418	-25.8	60	511	451
March	4,295	1,084	5,379	-242	-19.0	116	271	156
April	4,293	1,129	5,422	-277	-20.4	167	127	-41
May	4,292	1,356	5,648	-387	-22.1	286	58	-228
June	4,291	1,627	5,918	-423	-20.5	318	47	-271
July	4,291	1,906	6,196	-380	-16.6	343	62	-281
August	4,289	2,109	6,399	-401	-15.9	281	77	-204
September	4,289	2,393	6,683	-420	-14.9	340	61	-278
October	4,289	2,625	6,913	-336	-11.3	300	68	-233
November	4,290	2,332	6,621	-620	-20.9	86	373	287
December	4,282	1,647	5,929	-779	-32.0	47	731	684
Total	—	—	—	—	—	**2,388**	**3,178**	**790**
2001								
January	4,273	1,192	5,465	-504	-29.7	60	528	468
February	4,259	846	5,105	-392	-31.5	52	382	330
March	4,232	688	4,920	-396	-36.3	93	259	166
April	4,192	921	5,113	-208	-17.0	312	54	-259
May	4,239	1,355	5,594	-1	0.4	458	27	-432
June	4,239	1,798	6,037	171	11.2	445	23	-421
July	4,245	2,172	6,417	266	14.4	411	39	-372
August	4,242	2,490	6,732	380	18.5	357	50	-307
September	4,247	2,844	7,091	450	19.9	376	22	-354
October	4,238	3,036	7,274	411	15.7	248	68	-180
November	4,224	3,131	7,354	799	34.3	188	117	-71
December	4,224	2,789	7,013	1,142	69.3	61	402	341
Total	—	—	—	—	—	**3,062**	**1,971**	**-1,091**
2002								
January	4,236	2,251	6,487	1,059	88.8	36	560	524
February	4,279	1,764	6,043	918	108.6	35	479	444
March	4,278	1,453	5,731	764	111.0	78	389	311
April	4,278	1,582	5,860	661	71.7	208	94	-114
May	4,284	1,875	6,159	520	38.4	346	39	-307
June	4,278	2,205	6,483	407	22.6	363	35	-328
July	4,278	2,448	6,725	275	12.7	312	65	-247
August	4,277	2,678	6,954	188	7.5	290	62	-228
September	[R]4,261	[R]2,939	[R]7,201	[R]95	[R]3.3	330	45	-285
October	4,260	3,008	7,268	-28	-0.9	191	114	-77

[a] Total as of December 31.
[R] Revised Data.
— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet)

State	2002						
	October	September	August	July	June	May	April
Alabama	-128	-64	-97	-250	2	-100	-257
Arkansas	-19	-393	-390	-340	-463	-504	-47
California	-8,108	-4,707	300	-7,074	-12,551	-20,711	-20,680
Colorado	860	-4,010	-6,603	-3,949	-3,290	700	-2,247
Illinois	-29,678	-38,523	-36,355	-28,449	-37,470	-26,234	8,790
Indiana	-2,819	-3,096	-2,706	-3,524	-2,988	-1,452	1,997
Iowa	-12,941	-12,563	-12,477	-12,189	-4,981	-701	363
Kansas	2,224	-11,061	-9,211	-2,974	-11,587	-17,806	-6,721
Kentucky	-1,870	-6,208	-5,606	-4,142	-7,907	-9,766	400
Louisiana	-6,114	-37,513	-13,157	-6,555	-19,113	-33,062	-11,352
Maryland	143	44	-2,104	-2,618	-2,504	-780	427
Michigan	-12,987	-49,663	-54,020	-51,389	-58,362	-39,468	-10,433
Minnesota	-198	-299	-288	-276	0	0	134
Mississippi	1,973	89	-4,789	-2,822	-6,879	-8,184	-1,528
Missouri	-294	-781	-1,096	18	13	10	215
Montana	69	-4,292	-5,185	-6,590	-3,915	-1,879	707
Nebraska	0	-922	-705	238	-601	-1,036	-261
New Mexico	706	-486	755	366	1,211	-1,304	87
New York	-1,638	-5,554	-5,554	-7,710	-11,015	-6,751	-1,459
Ohio	-6,959	-22,382	-27,004	-30,971	-32,067	-25,799	-9,911
Oklahoma	3,302	-6,868	2,172	-985	-13,006	-25,468	-13,141
Oregon	-503	-690	-2,120	-2,679	-3,182	491	1,648
Pennsylvania	-4,996	-37,856	-24,677	-29,850	-49,766	-41,830	-16,389
Tennessee	2	3	4	15	2	7	0
Texas	-9,965	-19,950	9,023	-142	-14,881	-23,862	-25,965
Utah	401	-3,633	-6,336	-6,807	-7,112	-7,913	-3,510
Virginia	-222	-301	-146	-274	-289	-537	-160
Washington	1,698	-1,487	-956	-620	-2,918	-4,057	-3,810
West Virginia	3,632	-16,735	-20,483	-22,527	-29,037	-22,101	-10,731
Wyoming	291	-1,837	-3,702	-4,164	-3,920	-2,877	-2,081
AGA Regions							
Producing	-8,020	-76,245	-15,694	-13,701	-64,716	-110,290	-58,923
Eastern Consuming	-70,626	-194,538	-192,929	-193,372	-236,972	-176,437	-37,154
Western Consuming	-5,490	-20,955	-24,891	-32,159	-36,888	-36,245	-29,838
Total	**-84,135**	**-291,738**	**-233,514**	**-239,233**	**-338,575**	**-322,972**	**-125,916**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2002			2001			
	March	February	January	Total	December	November	October
Alabama	271	108	210	-711	-11	-501	120
Arkansas	235	770	486	-2,904	507	-90	-339
California	5,245	4,939	39,393	-74,641	23,726	-13,104	-14,507
Colorado	5,766	7,182	4,892	-7,388	1,048	-63	753
Illinois	26,990	49,634	58,536	-24,866	47,266	43	-26,142
Indiana	3,589	4,666	4,084	-5,686	3,777	-2,298	-3,809
Iowa	7,122	15,015	21,622	-21,025	17,209	-3,118	-11,688
Kansas	12,651	17,130	19,274	-46,721	12,355	-4,369	-1,268
Kentucky	10,669	11,384	8,665	-36,233	6,206	12	-5,143
Louisiana	18,770	39,103	41,561	-123,545	23,556	-20,514	-10,552
Maryland	2,121	1,352	2,722	-4,265	1,619	-34	-1,310
Michigan	74,426	73,014	84,521	-226,068	65,214	-8,308	-42,469
Minnesota	375	332	304	-605	3	-134	-174
Mississippi	4,016	8,337	9,588	-11,441	4,205	-2,504	1,082
Missouri	1,089	825	-24	-904	254	-255	-248
Montana	3,605	2,765	3,400	-9,117	3,890	503	-1,573
Nebraska	1,628	679	1,267	-2,349	831	-45	-361
New Mexico	1,131	1,655	1,285	-9,476	645	-1,059	-173
New York	7,783	10,978	14,435	-16,354	8,628	-1,337	-3,374
Ohio	33,060	44,426	41,480	-61,585	31,110	2,950	-9,844
Oklahoma	13,099	20,976	23,962	-71,523	10,886	-2,795	-4,003
Oregon	2,859	787	1,424	-2,624	1,572	-766	0
Pennsylvania	46,264	62,974	61,675	-92,474	48,277	-9,455	-18,022
Tennessee	-1	-1	-50	-337	1	-30	-100
Texas	10,269	27,590	36,821	-176,609	-136	-15,122	-21,203
Utah	2,811	7,407	11,857	-12,511	9,619	3,189	-280
Virginia	383	677	500	-1,097	277	-27	-32
Washington	849	4,145	7,037	-2,821	-102	145	1,030
West Virginia	20,896	39,632	41,761	-79,928	25,006	-5,364	-12,915
Wyoming	2,175	3,197	3,239	-8,570	2,853	-1,029	-2,113
AGA Regions							
Producing	60,442	115,667	133,186	-442,931	52,006	-46,954	-36,337
Eastern Consuming	236,020	315,254	341,195	-573,164	255,676	-27,260	-135,455
Western Consuming	23,685	30,755	71,547	-118,276	42,609	-11,260	-16,864
Total	**320,146**	**461,676**	**545,928**	**-1,134,378**	**350,291**	**-85,481**	**-188,656**

See footnotes at end of table.

Table 13

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001						
	September	August	July	June	May	April	March
Alabama	-17	-113	-154	-576	44	-195	604
Arkansas	-579	-505	-740	-879	-992	-604	139
California	-9,385	-10,941	-20,929	-29,462	-27,438	-17,361	-14,822
Colorado	-5,021	-4,513	-4,182	-4,069	-2,301	660	1,787
Illinois	-33,582	-23,679	-20,442	-25,936	-30,943	-12,251	14,412
Indiana	-4,044	-2,916	-3,671	-3,159	-1,372	1,366	2,616
Iowa	-13,710	-13,505	-10,141	-6,017	-5,532	-2,900	3,712
Kansas	-17,406	-7,572	-6,556	-13,884	-14,428	-11,364	4,933
Kentucky	-8,975	-6,409	-9,956	-12,782	-11,456	-4,039	6,901
Louisiana	-34,844	-13,578	-24,699	-30,405	-25,730	-22,513	5,213
Maryland	-1,166	518	-2,572	-3,098	-2,653	-1,402	1,215
Michigan	-72,648	-79,175	-87,034	-80,530	-71,545	-36,155	43,738
Minnesota	-232	-259	-328	-319	-152	23	154
Mississippi	-4,068	-1,986	-5,355	-6,274	-2,821	-8,549	10,930
Missouri	-348	-589	13	-1,063	17	-51	1,242
Montana	-4,853	-4,966	-5,523	-4,034	-2,902	-1	1,629
Nebraska	-1,250	-364	-339	-956	-1,908	-1,077	573
New Mexico	-891	13	93	-403	-2,645	-1,573	-1,851
New York	-6,343	-5,574	-10,233	-11,212	-13,541	-6,630	8,160
Ohio	-26,370	-32,266	-37,878	-32,303	-33,094	-15,734	22,906
Oklahoma	-17,906	-8,596	-10,224	-23,745	-28,938	-23,624	415
Oregon	-852	-1,860	-2,293	-2,561	-2,151	810	962
Pennsylvania	-39,267	-25,406	-50,422	-55,959	-66,462	-43,608	47,171
Tennessee	-62	-47	-63	-31	-113	-103	69
Texas	-28,769	-24,185	-21,624	-34,795	-40,985	-43,016	2,704
Utah	-7,384	-5,939	-7,179	-6,356	-7,254	-4,428	-2,807
Virginia	-271	-322	-244	-402	-532	-434	283
Washington	-1,450	-1,343	372	-200	-8,283	-2,300	592
West Virginia	-22,496	-25,939	-31,290	-28,838	-39,499	-18,243	16,521
Wyoming	-3,691	-3,143	-2,866	-1,800	-2,052	-1,073	534
AGA Regions							
Producing	-104,480	-56,521	-69,260	-110,961	-116,493	-111,438	23,088
Eastern Consuming	-230,533	-215,675	-264,271	-262,286	-278,633	-141,259	169,519
Western Consuming	-32,867	-32,963	-42,930	-48,800	-52,532	-23,671	-11,971
Total	**-367,879**	**-305,159**	**-376,461**	**-422,046**	**-447,658**	**-276,368**	**180,636**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	-241	330	430	85	203	142
Arkansas	391	785	3,033	2,077	432	-397
California	20,542	39,041	47,960	6,493	27,309	-10,735
Colorado	4,374	4,138	8,613	4,969	4,003	-2,003
Illinois	43,450	42,940	24,165	49,235	25,535	-33,495
Indiana	3,544	4,279	3,892	7,120	-608	-4,297
Iowa	8,167	16,496	13,560	23,122	11,086	-13,898
Kansas	16,056	-3,218	34,047	25,577	20,998	-18,438
Kentucky	2,626	6,783	30,198	23,027	11,187	-8,599
Louisiana	96	30,425	96,201	67,565	12,336	-23,895
Maryland	2,382	2,235	4,383	5,151	1,323	-288
Michigan	76,815	66,029	146,588	127,858	48,638	-37,897
Minnesota	323	489	306	567	-92	-199
Mississippi	1,071	2,828	1,853	14,228	4,503	-4,386
Missouri	379	-255	567	1,078	-191	-353
Montana	4,504	4,208	13,911	5,173	3,722	51
Nebraska	1,456	1,090	4,366	1,124	1,622	-503
New Mexico	-1,657	25	-561	418	-295	-905
New York	11,920	13,182	9,824	17,276	5,062	-4,026
Ohio	27,160	41,777	48,330	61,149	24,034	-10,060
Oklahoma	12,522	24,484	88,353	42,630	16,307	-13,209
Oregon	2,264	2,252	212	1,565	849	-720
Pennsylvania	51,475	69,205	47,204	96,037	21,869	-26,640
Tennessee	82	59	59	-12	-86	-114
Texas	8,957	41,565	127,251	67,839	12,680	-16,995
Utah	4,031	12,277	6,537	10,861	9,016	1,000
Virginia	92	517	471	789	354	-251
Washington	6,110	2,608	1,932	-1,986	3,781	1,188
West Virginia	26,341	36,787	42,171	55,132	20,788	-11,762
Wyoming	2,586	3,225	8,063	3,611	1,933	336
AGA Regions						
Producing	37,194	97,224	350,177	220,332	66,960	-78,226
Eastern Consuming	255,889	301,124	376,207	468,171	170,818	-152,040
Western Consuming	44,735	68,237	87,535	31,251	50,522	-11,083
Total	**337,818**	**466,585**	**813,920**	**719,754**	**288,299**	**-241,349**

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2000 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 14

Table 14. Activities of Underground Natural Gas Storage Operators, by State, October 2002

(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	5,280	2,690	1,863	4,553	314	20.3	318	190
Arkansas	22,000	8,715	7,405	16,120	248	3.5	239	220
California	475,720	235,104	223,323	458,427	9,161	4.3	11,806	3,698
Colorado	100,227	47,655	36,709	84,363	-727	-1.9	2,862	3,722
Illinois	898,565	666,632	274,666	941,298	30,904	12.7	34,200	4,522
Indiana	109,310	77,434	31,644	109,078	-613	-1.9	3,156	337
Iowa	273,200	201,750	60,981	262,731	-6,402	-9.5	12,948	7
Kansas	301,502	178,379	93,669	272,048	145	0.2	4,641	6,865
Kentucky	219,914	139,863	72,994	212,857	-32,427	-30.8	4,242	2,372
Louisiana	580,037	269,941	254,761	524,702	-2,262	-0.9	29,696	23,582
Maryland	62,000	46,677	14,336	61,013	299	2.1	647	790
Michigan	1,070,717	445,710	536,941	982,650	-16,455	-3.0	21,994	9,007
Minnesota	7,000	4,840	2,072	6,912	49	2.4	198	0
Mississippi	141,912	80,375	47,343	127,717	-6,980	-12.8	6,872	8,845
Missouri	31,878	21,600	10,096	31,696	25	0.2	311	17
Montana	371,510	179,526	33,029	212,554	-4,980	-13.1	3,287	3,357
Nebraska	39,469	26,995	5,876	32,871	-1,074	-15.5	421	421
New Mexico	96,600	29,766	9,434	39,200	-397	-4.0	1,008	1,715
New York	175,496	96,347	75,844	172,191	-1,062	-1.4	4,328	2,690
Ohio	573,784	345,455	195,794	541,249	1,462	0.8	11,129	4,170
Oklahoma	382,037	207,408	133,949	341,357	-19,631	-12.8	5,921	9,223
Oregon	22,042	9,714	12,932	22,646	1,970	18.0	1,002	498
Pennsylvania	950,148	341,916	370,511	712,427	-10,599	-2.8	22,626	17,631
Tennessee	1,200	340	600	940	-240	-28.6	1	3
Texas	700,324	247,655	320,211	567,867	22,792	7.7	36,604	26,639
Utah	129,480	64,703	47,818	112,521	175	0.4	1,680	2,082
Virginia	4,967	2,387	2,838	5,225	187	7.0	282	60
Washington	37,300	19,244	16,759	36,003	-467	-2.7	584	2,281
West Virginia	496,796	278,343	185,066	463,408	-3,215	-1.7	5,470	9,102
Wyoming	105,869	64,855	36,441	101,296	11,732	47.5	318	609
AGA Regions								
Producing	2,229,692	1,024,929	868,636	1,893,565	-4,222	-0.5	85,299	77,279
Eastern Consuming	4,907,444	2,691,448	1,838,184	4,529,633	-40,760	-2.2	121,754	51,129
Western Consuming	1,249,147	625,640	409,082	1,034,722	16,913	4.3	21,737	16,247
Total	**8,386,282**	**4,342,017**	**3,115,902**	**7,457,920**	**-28,069**	**-0.9**	**228,790**	**144,654**

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				September	August	July
Alabama	33,101	38,506	32,809	1,075	1,067	1,094
Alaska	NA	10,170	10,764	856	612	436
Arizona	27,832	28,304	25,179	1,109	1,048	1,108
Arkansas	NA	27,871	25,062	NA	NA	NA
California	377,339	376,802	364,398	23,154	23,498	24,896
Colorado	NA	94,051	79,295	3,487	2,491	2,556
Connecticut	NA	29,629	28,725	981	972	819
Delaware	6,527	7,577	7,179	171	162	191
District of Columbia	8,623	11,523	11,259	333	314	314
Florida	11,606	12,673	11,370	743	725	779
Georgia	79,875	89,261	84,095	3,624	3,544	3,651
Hawaii	409	407	408	44	42	45
Idaho	14,625	13,948	12,853	457	360	391
Illinois	308,714	303,027	289,748	10,088	9,170	9,527
Indiana	105,699	NA	105,151	2,871	2,953	2,634
Iowa	48,775	53,546	47,045	1,417	1,408	1,322
Kansas	50,632	56,236	48,121	1,413	1,352	1,463
Kentucky	37,349	39,034	38,407	1,089	1,103	1,032
Louisiana	NA	NA	33,791	NA	NA	NA
Maine	NA	686	702	26	26	25
Maryland	NA	59,872	56,506	1,931	NA	1,636
Massachusetts	78,199	85,862	83,349	2,706	R2,334	3,231
Michigan	252,821	262,427	252,075	7,238	6,428	7,505
Minnesota	NA	89,955	81,769	3,314	NA	2,998
Mississippi	20,112	21,957	18,560	683	682	717
Missouri	82,684	91,582	78,707	2,389	2,075	2,353
Montana	15,060	14,160	12,886	560	451	454
Nebraska	30,899	34,652	29,329	881	735	893
Nevada	23,747	23,277	20,365	1,081	940	1,033
New Hampshire	4,975	5,300	5,373	169	145	225
New Jersey	NA	159,438	152,075	5,117	NA	4,968
New Mexico	24,534	21,387	22,303	830	810	817
New York	NA	289,241	289,342	NA	9,174	10,987
North Carolina	39,645	43,786	42,956	1,045	889	1,019
North Dakota	NA	7,174	7,354	282	NA	195
Ohio	220,704	236,361	226,272	5,947	5,918	7,452
Oklahoma	NA	52,096	44,627	1,324	1,549	1,711
Oregon	28,838	28,309	27,547	931	840	993
Pennsylvania	161,711	184,570	179,639	5,153	4,464	5,195
Rhode Island	NA	14,558	14,183	431	424	476
South Carolina	19,793	21,498	20,015	499	482	538
South Dakota	8,751	8,862	8,011	284	239	224
Tennessee	50,959	51,832	45,376	1,131	1,089	1,196
Texas	151,778	167,340	130,521	6,207	6,400	6,736
Utah	39,460	36,098	33,772	2,001	1,412	1,412
Vermont	2,004	2,155	2,133	63	58	64
Virginia	47,896	55,286	52,534	1,585	1,635	1,519
Washington	NA	51,855	50,861	NA	NA	NA
West Virginia	NA	24,107	22,721	1,220	1,113	1,225
Wisconsin	90,045	93,885	84,840	2,875	2,656	2,587
Wyoming	NA	7,783	8,056	396	183	NA
Total	**3,403,816**	**3,586,560**	**3,360,417**	**125,059**	**R117,293**	**127,814**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002					
	June	May	April	March	February	January
Alabama	1,376	1,606	3,315	7,033	7,640	8,895
Alaska	NA	989	1,453	2,185	1,998	2,125
Arizona	1,384	1,718	2,678	4,531	6,659	7,599
Arkansas	NA	NA	NA	NA	7,325	NA
California	26,372	34,653	43,114	58,010	64,134	79,507
Colorado	2,635	5,094	NA	17,031	19,643	21,658
Connecticut	NA	2,022	3,702	4,736	NA	6,197
Delaware	265	460	909	1,286	1,385	1,697
District of Columbia	347	559	798	1,648	1,988	2,324
Florida	836	909	1,252	1,954	1,893	2,516
Georgia	3,710	4,822	5,755	13,698	19,102	21,969
Hawaii	41	44	49	48	48	49
Idaho	697	1,237	1,795	2,797	3,442	3,450
Illinois	12,241	23,423	42,614	65,402	64,032	72,217
Indiana	4,167	8,643	14,105	21,786	21,741	26,798
Iowa	1,864	3,521	6,509	10,467	10,288	11,981
Kansas	1,988	2,965	6,316	10,662	11,197	13,277
Kentucky	1,129	1,691	3,667	8,162	9,346	10,130
Louisiana	NA	NA	NA	NA	NA	8,322
Maine	NA	49	88	134	138	141
Maryland	NA	3,087	4,739	9,704	11,882	12,872
Massachusetts	4,519	6,854	10,259	14,639	16,360	17,297
Michigan	13,734	23,198	35,940	49,969	49,807	59,002
Minnesota	3,474	7,835	10,885	19,906	16,809	20,571
Mississippi	920	1,019	2,147	4,154	3,929	5,860
Missouri	3,148	5,173	10,616	16,977	18,792	21,161
Montana	785	1,412	2,079	3,207	2,799	3,313
Nebraska	1,156	1,839	4,222	6,223	6,220	8,729
Nevada	1,296	1,753	2,405	3,726	5,642	5,871
New Hampshire	303	445	653	934	1,053	1,047
New Jersey	6,250	9,956	17,515	27,256	30,266	34,336
New Mexico	958	1,266	2,647	4,947	6,135	6,124
New York	15,561	25,856	38,011	50,929	52,455	56,231
North Carolina	1,456	1,771	4,110	7,872	9,570	11,913
North Dakota	248	641	1,028	1,761	1,455	1,837
Ohio	9,587	16,745	28,966	45,040	47,274	53,775
Oklahoma	1,974	NA	6,630	10,581	11,106	12,761
Oregon	1,613	2,776	3,851	5,257	6,096	6,480
Pennsylvania	7,271	12,207	22,193	31,719	33,327	40,182
Rhode Island	783	1,268	1,858	2,976	2,648	NA
South Carolina	721	832	1,901	4,261	4,632	5,926
South Dakota	326	757	1,231	1,941	1,726	2,024
Tennessee	1,667	2,087	5,347	11,326	12,157	14,959
Texas	7,014	7,587	15,490	30,253	29,456	42,635
Utah	1,574	2,277	3,244	7,740	9,276	10,522
Vermont	119	182	312	346	441	419
Virginia	1,976	2,773	4,365	9,394	11,122	13,527
Washington	NA	5,537	7,879	10,270	11,229	10,931
West Virginia	1,236	2,520	3,433	5,605	5,765	NA
Wisconsin	3,458	7,853	11,317	20,423	17,975	20,900
Wyoming	453	815	1,269	NA	1,439	2,365
Total	**163,537**	**258,793**	**419,441**	**666,416**	**704,264**	**821,200**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	Total	December	November	October	September	August
Alabama	47,543	4,341	2,986	1,711	1,130	1,151
Alaska	16,799	2,783	2,185	1,661	818	538
Arizona	36,122	5,012	1,653	1,153	1,025	985
Arkansas	39,124	6,056	3,583	1,613	811	848
California	508,265	63,738	38,751	28,974	21,170	22,303
Colorado	123,893	17,192	8,570	4,079	2,816	2,462
Connecticut	40,563	5,325	3,489	2,120	883	1,007
Delaware	9,379	833	628	341	187	164
District of Columbia	14,297	1,353	950	471	331	313
Florida	15,623	1,202	985	764	700	702
Georgia	123,342	17,132	8,841	8,108	3,928	3,608
Hawaii	537	47	43	40	43	41
Idaho	19,076	2,820	1,597	712	423	341
Illinois	427,822	64,202	34,296	26,298	12,207	8,969
Indiana	NA	18,917	11,418	7,965	NA	NA
Iowa	71,305	9,450	4,785	3,523	1,585	1,316
Kansas	70,546	8,416	3,837	2,057	1,573	1,539
Kentucky	56,778	9,494	5,087	3,162	1,371	1,098
Louisiana	NA	NA	NA	NA	NA	1,548
Maine	979	132	107	54	32	25
Maryland	80,478	9,291	6,205	5,110	1,887	1,819
Massachusetts	R106,056	8,703	6,927	4,565	2,858	2,366
Michigan	352,143	41,753	28,909	19,055	8,651	6,298
Minnesota	124,890	17,729	9,659	7,548	3,204	2,630
Mississippi	27,556	2,798	1,887	914	616	651
Missouri	115,618	13,235	6,963	3,838	2,524	2,166
Montana	20,102	2,946	1,838	1,158	502	404
Nebraska	45,378	4,191	4,793	1,742	870	905
Nevada	32,609	5,895	2,186	1,251	1,033	995
New Hampshire	R6,859	766	492	302	185	149
New Jersey	208,449	23,913	15,898	9,200	5,254	4,821
New Mexico	32,374	6,493	2,933	1,561	1,003	839
New York	376,825	42,984	27,715	16,885	10,213	9,478
North Carolina	57,250	6,402	4,563	2,498	1,078	942
North Dakota	10,674	1,712	1,010	779	266	282
Ohio	314,033	37,549	23,958	16,164	6,867	6,140
Oklahoma	65,116	7,707	3,417	1,897	1,275	1,283
Oregon	38,369	5,275	3,343	1,443	918	905
Pennsylvania	240,614	27,155	17,649	11,241	5,392	4,960
Rhode Island	17,937	1,609	1,153	617	506	450
South Carolina	26,955	2,516	2,054	887	512	470
South Dakota	12,295	1,795	970	668	278	276
Tennessee	66,745	8,112	4,579	2,221	1,264	1,146
Texas	221,573	31,816	13,981	8,436	5,565	7,779
Utah	55,331	10,135	5,608	3,489	1,610	1,448
Vermont	2,719	270	203	91	67	54
Virginia	71,151	7,355	5,335	3,174	1,493	1,580
Washington	84,668	15,978	11,144	5,692	1,864	1,731
West Virginia	34,014	5,098	3,187	1,622	775	462
Wisconsin	130,302	18,656	9,669	8,093	3,736	2,418
Wyoming	11,064	1,511	1,048	722	274	249
Total	**R4,811,639**	**616,944**	**367,386**	**240,749**	**129,441**	**117,924**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	July	June	May	April	March	February
Alabama	1,149	1,297	1,893	4,605	5,643	8,644
Alaska	519	609	980	1,182	1,817	1,824
Arizona	1,055	1,267	1,896	2,824	5,439	7,072
Arkansas	1,017	853	991	2,073	6,039	6,913
California	23,989	22,861	30,433	41,474	58,633	71,182
Colorado	3,044	4,464	8,234	12,557	17,892	20,481
Connecticut	803	1,208	1,309	3,644	6,135	6,215
Delaware	219	275	461	1,048	1,564	1,715
District of Columbia	351	442	595	1,390	2,178	2,544
Florida	728	781	955	1,310	1,510	2,635
Georgia	3,674	3,819	4,742	7,029	17,069	16,513
Hawaii	44	47	46	47	49	43
Idaho	412	584	1,063	1,794	2,379	3,455
Illinois	9,918	11,443	14,452	26,454	61,269	72,405
Indiana	NA	NA	NA	10,918	21,871	24,627
Iowa	1,546	1,929	2,639	5,559	11,095	13,101
Kansas	1,536	1,743	2,437	5,758	11,650	12,213
Kentucky	1,031	954	1,307	2,488	9,204	8,955
Louisiana	1,885	1,657	2,014	3,181	4,852	8,222
Maine	25	22	49	61	143	154
Maryland	1,808	2,207	3,035	6,713	11,619	12,948
Massachusetts	2,765	3,514	5,835	R11,476	R17,436	18,490
Michigan	7,084	10,690	16,531	33,454	55,739	55,540
Minnesota	2,730	3,485	4,833	9,565	17,617	22,678
Mississippi	735	773	1,142	1,958	3,199	4,981
Missouri	2,366	3,043	3,840	9,594	17,971	21,190
Montana	416	696	1,047	1,906	2,583	3,330
Nebraska	950	1,180	2,564	4,596	6,229	7,494
Nevada	1,041	1,174	1,640	2,470	3,974	5,415
New Hampshire	154	214	R408	R737	1,061	1,132
New Jersey	4,780	6,006	9,242	20,570	32,905	33,583
New Mexico	1,008	966	1,190	1,948	2,762	5,561
New York	9,839	13,450	18,831	37,885	58,630	60,348
North Carolina	1,082	1,544	2,045	5,034	7,881	9,527
North Dakota	215	246	366	818	1,267	1,934
Ohio	7,420	8,794	12,305	27,986	48,453	51,889
Oklahoma	1,524	1,767	2,354	5,434	9,987	12,033
Oregon	1,095	1,508	2,653	3,916	5,048	5,941
Pennsylvania	5,108	6,222	10,195	23,385	38,071	39,900
Rhode Island	476	644	1,030	2,133	2,881	2,966
South Carolina	492	567	992	2,620	3,238	4,689
South Dakota	247	369	547	1,039	1,770	2,172
Tennessee	1,161	1,288	1,970	5,352	9,693	10,443
Texas	5,729	6,979	8,492	15,626	25,405	38,785
Utah	1,411	1,782	1,888	4,120	5,561	8,187
Vermont	65	96	146	316	420	446
Virginia	1,520	1,805	2,377	5,712	10,828	12,695
Washington	2,113	3,021	4,899	7,278	8,883	10,980
West Virginia	398	456	994	3,502	5,156	5,442
Wisconsin	2,930	3,410	4,725	8,545	21,640	22,782
Wyoming	240	440	610	1,158	1,101	1,846
Total	**124,920**	**148,025**	**R209,935**	**R402,242**	**R685,436**	**784,262**

R Revised Data.
NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				September	August	July
Alabama	NA	20,612	18,261	1,078	NA	1,073
Alaska	NA	11,958	18,101	799	669	557
Arizona	25,149	23,684	24,065	1,915	1,891	1,976
Arkansas	NA	23,299	21,430	NA	NA	NA
California	185,755	184,547	180,110	16,290	17,840	17,229
Colorado	NA	51,895	41,525	2,223	1,731	1,691
Connecticut	NA	32,753	34,423	1,838	1,932	1,800
Delaware	NA	4,895	3,766	201	182	187
District of Columbia	12,218	13,117	13,364	857	838	824
Florida	39,034	37,793	35,652	3,823	3,679	3,837
Georgia	36,161	37,570	38,719	2,055	2,108	2,145
Hawaii	1,279	1,338	1,329	144	138	147
Idaho	11,067	9,940	9,193	476	380	366
Illinois	143,164	137,291	132,147	7,862	6,770	6,783
Indiana	NA	NA	59,283	2,541	NA	2,160
Iowa	32,080	33,775	29,518	1,847	1,232	1,275
Kansas	28,092	30,813	27,438	1,281	1,463	1,424
Kentucky	25,235	26,325	24,687	1,058	1,123	1,097
Louisiana	NA	19,974	18,351	NA	NA	NA
Maine	NA	1,909	1,927	459	NA	NA
Maryland	NA	44,136	40,063	3,597	NA	2,449
Massachusetts	57,916	47,636	46,990	3,911	4,088	3,542
Michigan	123,058	133,401	132,172	5,442	5,010	5,484
Minnesota	NA	67,967	62,264	3,848	NA	3,356
Mississippi	NA	16,729	14,894	1,087	NA	1,068
Missouri	47,320	50,595	44,050	2,077	1,920	2,016
Montana	10,521	9,667	9,096	440	413	425
Nebraska	20,827	21,031	19,910	965	929	975
Nevada	16,943	16,835	18,609	1,255	1,190	1,208
New Hampshire	NA	5,976	5,998	NA	280	328
New Jersey	104,040	105,079	116,345	8,381	5,972	6,158
New Mexico	18,976	18,656	19,258	778	953	962
New York	NA	249,308	306,509	NA	23,434	23,473
North Carolina	27,607	29,231	30,124	1,625	1,440	1,512
North Dakota	NA	7,117	7,126	363	NA	282
Ohio	111,904	130,799	121,850	4,450	4,222	4,627
Oklahoma	NA	34,537	30,112	1,208	1,222	1,170
Oregon	21,564	21,163	20,626	1,082	1,008	1,090
Pennsylvania	101,435	102,960	100,971	5,415	5,317	5,165
Rhode Island	NA	10,012	9,559	429	522	409
South Carolina	15,519	15,834	15,819	1,123	1,047	1,081
South Dakota	6,931	6,950	6,657	314	266	277
Tennessee	NA	39,950	37,911	2,143	1,928	1,884
Texas	129,661	141,259	134,584	10,586	11,030	9,761
Utah	23,459	21,166	19,757	1,266	998	953
Vermont	1,786	1,935	1,929	83	75	72
Virginia	43,265	43,868	45,684	2,657	2,650	2,603
Washington	NA	36,999	36,078	NA	NA	NA
West Virginia	28,654	18,869	18,788	2,030	2,556	2,265
Wisconsin	56,097	57,277	52,243	3,261	2,976	2,281
Wyoming	7,677	6,623	6,673	391	220	470
Total	**2,280,186**	**2,272,918**	**2,265,942**	**161,860**	**149,766**	**144,716**

See footnotes at end of table.

Table 16

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002					
	June	May	April	March	February	January
Alabama	1,185	1,353	1,901	3,226	3,530	4,000
Alaska	933	NA	1,688	1,831	1,782	1,970
Arizona	2,152	2,399	2,779	3,482	4,105	4,450
Arkansas	NA	NA	NA	NA	7,636	NA
California	17,778	20,446	20,574	22,685	24,573	28,341
Colorado	1,716	3,020	NA	8,062	9,076	11,290
Connecticut	1,855	2,263	3,804	4,916	NA	5,464
Delaware	225	364	NA	NA	892	1,039
District of Columbia	797	969	1,247	2,030	2,204	2,452
Florida	3,949	4,011	4,478	5,175	4,782	5,299
Georgia	2,141	2,632	2,989	5,826	7,566	8,700
Hawaii	146	139	143	138	138	145
Idaho	561	870	1,386	2,091	2,493	2,444
Illinois	7,135	11,256	19,182	27,134	26,191	30,850
Indiana	2,720	3,750	6,995	10,863	11,356	12,783
Iowa	1,521	2,086	3,885	6,436	6,362	7,436
Kansas	1,327	1,750	3,223	5,301	5,633	6,690
Kentucky	1,011	1,825	2,600	5,481	5,567	5,473
Louisiana	NA	NA	NA	NA	4,524	4,382
Maine	365	NA	NA	679	701	735
Maryland	NA	3,173	4,459	7,649	8,073	8,404
Massachusetts	4,788	5,626	7,139	8,517	10,392	9,914
Michigan	7,380	11,311	17,809	20,604	24,282	25,734
Minnesota	3,423	6,149	9,366	NA	11,181	12,941
Mississippi	1,159	1,023	1,691	2,592	2,814	3,229
Missouri	2,218	4,053	5,728	8,756	9,749	10,802
Montana	584	977	1,449	2,076	1,898	2,260
Nebraska	1,268	1,670	3,063	4,044	4,328	3,584
Nevada	1,373	1,575	1,798	2,730	2,789	3,026
New Hampshire	NA	653	NA	1,195	1,296	1,272
New Jersey	6,522	10,873	12,326	14,247	18,908	20,655
New Mexico	1,208	1,627	2,395	3,415	3,981	3,658
New York	22,237	22,221	27,762	32,526	33,808	33,569
North Carolina	1,621	1,902	2,856	4,775	5,587	6,287
North Dakota	286	656	980	NA	1,374	1,747
Ohio	5,634	9,417	14,572	22,678	23,735	22,570
Oklahoma	1,343	1,868	3,696	5,338	6,986	NA
Oregon	1,430	2,042	2,642	3,449	3,969	4,853
Pennsylvania	5,915	8,609	13,511	17,933	19,527	20,045
Rhode Island	526	824	1,151	NA	1,641	NA
South Carolina	1,162	1,284	1,607	2,461	2,739	3,016
South Dakota	310	555	968	1,414	1,309	1,518
Tennessee	NA	2,599	4,325	6,459	7,390	9,170
Texas	10,239	10,707	14,767	22,571	16,135	23,864
Utah	1,057	1,627	2,239	4,189	5,275	5,854
Vermont	108	161	249	294	383	362
Virginia	2,765	3,598	4,231	7,654	8,130	8,978
Washington	NA	3,769	5,211	6,184	6,765	8,576
West Virginia	2,460	2,841	3,482	4,376	3,986	4,658
Wisconsin	2,597	4,513	6,634	11,404	10,392	12,040
Wyoming	420	630	1,000	1,391	994	2,161
Total	**156,909**	**192,566**	**271,372**	**375,411**	**394,021**	**433,567**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	Total	December	November	October	September	August
Alabama	26,344	2,291	1,816	1,625	1,177	1,101
Alaska	18,327	2,533	2,148	1,687	998	856
Arizona	31,601	3,722	2,313	1,882	1,834	1,767
Arkansas	31,943	3,684	2,888	2,072	1,841	1,693
California	247,188	25,418	18,980	18,243	16,253	17,221
Colorado	68,209	9,083	4,633	2,598	2,033	1,799
Connecticut	41,977	3,951	3,010	2,263	1,706	1,949
Delaware	6,218	571	433	317	203	175
District of Columbia	16,657	1,515	1,224	801	781	628
Florida	50,046	4,332	4,172	3,748	3,666	3,475
Georgia	51,713	6,450	4,086	3,607	2,245	2,138
Hawaii	1,749	136	137	138	145	140
Idaho	13,662	1,932	1,133	657	485	396
Illinois	188,932	25,145	14,389	12,107	7,862	6,349
Indiana	NA	9,205	6,280	5,007	NA	NA
Iowa	NA	NA	3,552	2,881	1,613	995
Kansas	38,930	4,255	2,290	1,571	1,369	1,451
Kentucky	35,555	4,618	2,829	1,783	1,147	1,124
Louisiana	25,916	2,514	1,855	1,574	1,496	1,490
Maine	NA	329	NA	140	84	69
Maryland	59,932	6,126	5,196	4,474	3,105	2,585
Massachusetts	62,079	6,499	4,722	3,222	2,785	2,321
Michigan	175,657	19,320	13,386	9,549	6,002	5,163
Minnesota	92,616	12,119	6,442	6,089	2,999	2,955
Mississippi	21,528	1,964	1,625	1,211	1,029	1,124
Missouri	64,937	7,426	4,148	2,767	2,147	1,991
Montana	13,311	1,771	1,147	725	387	363
Nebraska	26,911	3,183	1,677	1,020	963	909
Nevada	22,825	2,788	1,795	1,407	1,236	1,255
New Hampshire	[R]7,765	921	605	262	233	219
New Jersey	136,617	14,245	10,385	6,907	5,181	4,278
New Mexico	24,864	3,348	1,469	1,390	1,044	967
New York	336,429	35,898	25,304	25,920	28,343	27,115
North Carolina	38,555	4,053	2,971	2,299	1,660	1,478
North Dakota	10,552	1,641	1,006	788	325	316
Ohio	171,937	20,210	11,018	9,910	5,598	4,650
Oklahoma	42,725	4,167	2,249	1,772	1,578	1,763
Oregon	28,056	3,349	2,257	1,287	1,168	1,032
Pennsylvania	137,064	15,610	10,145	8,349	4,770	4,235
Rhode Island	12,805	1,223	935	636	491	464
South Carolina	20,599	1,868	1,597	1,300	1,117	1,063
South Dakota	9,710	1,379	780	600	282	295
Tennessee	49,973	4,663	3,064	2,297	2,025	1,738
Texas	184,973	20,605	12,613	10,496	9,133	13,286
Utah	31,206	5,296	2,895	1,850	982	932
Vermont	2,473	241	189	108	92	72
Virginia	59,344	6,519	5,205	3,752	2,944	2,757
Washington	57,360	9,237	6,930	4,195	1,956	1,961
West Virginia	27,722	3,713	2,577	2,563	1,288	1,138
Wisconsin	78,833	10,359	5,906	5,292	2,592	2,007
Wyoming	9,195	939	1,049	584	299	203
Total	**[R]3,037,184**	**346,835**	**229,710**	**187,722**	**143,395**	**137,652**

See footnotes at end of table.

Table 16

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	July	June	May	April	March	February
Alabama	1,079	1,194	1,504	2,319	2,949	3,903
Alaska	814	873	1,279	1,410	1,894	1,839
Arizona	1,781	1,972	2,317	2,810	3,466	3,759
Arkansas	1,215	1,546	1,168	1,784	3,945	4,216
California	15,534	15,716	16,985	26,490	22,690	25,858
Colorado	2,251	2,917	4,718	6,845	9,385	10,179
Connecticut	1,632	2,471	2,386	4,268	5,652	5,993
Delaware	197	242	312	663	1,007	952
District of Columbia	903	851	1,119	1,937	2,198	2,271
Florida	3,462	3,641	3,973	4,240	4,551	5,257
Georgia	2,118	2,174	2,443	3,362	6,576	6,486
Hawaii	148	151	145	150	154	151
Idaho	449	517	748	1,193	1,594	2,240
Illinois	6,170	6,217	7,787	12,159	26,168	30,068
Indiana	NA	NA	NA	5,485	NA	NA
Iowa	1,107	1,425	1,811	3,538	6,633	7,762
Kansas	1,576	1,282	1,491	3,107	5,747	6,595
Kentucky	1,023	937	1,402	2,360	4,906	5,480
Louisiana	1,423	1,526	1,653	1,860	3,048	3,277
Maine	68	64	R129	R246	358	408
Maryland	2,635	2,747	3,491	5,080	7,309	7,380
Massachusetts	2,157	2,668	3,908	6,724	8,588	8,839
Michigan	5,218	6,157	8,669	16,610	25,979	27,509
Minnesota	2,773	3,170	4,156	7,444	13,019	15,176
Mississippi	1,060	1,019	1,175	1,579	2,486	3,000
Missouri	2,064	2,206	2,705	5,395	9,201	10,942
Montana	383	492	767	1,254	965	2,796
Nebraska	1,040	1,132	1,508	2,814	4,218	4,666
Nevada	1,254	1,347	1,553	1,970	2,549	2,817
New Hampshire	128	190	R422	990	1,201	1,405
New Jersey	4,881	4,463	7,525	13,566	19,385	21,369
New Mexico	1,020	1,087	1,420	2,600	2,510	3,989
New York	24,698	21,601	21,554	22,978	31,065	34,539
North Carolina	1,606	1,594	2,047	3,190	4,630	5,346
North Dakota	336	280	400	810	1,078	1,791
Ohio	5,159	5,389	7,509	14,670	24,756	29,422
Oklahoma	1,904	1,551	2,010	3,670	6,105	6,810
Oregon	1,087	1,365	2,032	2,755	3,470	3,967
Pennsylvania	4,128	5,025	6,681	12,504	20,029	20,575
Rhode Island	460	511	743	1,382	1,882	1,930
South Carolina	1,067	1,109	1,317	1,834	2,195	2,542
South Dakota	268	303	410	802	1,404	1,676
Tennessee	2,022	1,907	2,173	4,400	6,121	7,729
Texas	10,890	10,554	12,079	14,415	19,512	21,878
Utah	934	973	1,385	2,538	3,315	4,551
Vermont	74	108	136	276	356	374
Virginia	2,512	2,553	3,035	4,711	7,199	7,950
Washington	2,097	2,696	3,863	4,948	5,683	6,745
West Virginia	832	1,297	1,241	2,637	2,889	3,379
Wisconsin	2,314	2,559	3,161	5,576	12,678	12,640
Wyoming	247	344	469	863	1,212	1,378
Total	**132,011**	**136,844**	**R165,956**	**R257,207**	**376,183**	**423,884**

R Revised Data.
NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				September	August	July
Alabama	122,214	118,052	144,387	12,926	12,590	12,904
Alaska	NA	55,536	56,522	5,872	6,427	7,470
Arizona	NA	20,285	18,519	1,547	1,600	NA
Arkansas	NA	90,148	98,769	8,522	8,785	NA
California	808,096	1,035,200	992,250	100,418	114,722	113,919
Colorado	NA	65,601	66,145	12,079	NA	NA
Connecticut	NA	19,006	25,732	2,193	2,068	2,467
Delaware	NA	18,817	24,889	NA	1,761	1,572
District of Columbia	0	0	0	0	0	0
Florida	98,736	95,369	107,728	10,324	10,967	10,363
Georgia	111,256	111,151	133,935	12,164	13,317	12,564
Hawaii	368	412	400	36	42	47
Idaho [a]	NA	22,986	24,097	2,259	NA	NA
Illinois	NA	223,267	246,088	21,914	28,228	NA
Indiana	199,749	NA	232,056	20,635	21,221	21,666
Iowa	64,642	NA	73,197	6,492	6,245	5,980
Kansas	NA	73,553	85,026	11,007	NA	9,165
Kentucky	69,829	69,527	75,437	7,521	6,633	7,046
Louisiana	556,923	536,550	644,937	56,444	R61,238	R58,350
Maine	NA	2,147	2,515	32	40	NA
Maryland	NA	27,003	34,081	2,656	NA	3,267
Massachusetts	83,725	107,025	112,082	8,619	10,044	R7,569
Michigan	212,226	218,283	225,400	18,383	20,533	22,530
Minnesota	NA	64,410	77,240	6,280	NA	6,490
Mississippi	73,160	71,658	84,735	7,607	8,185	8,636
Missouri	48,754	51,350	48,576	4,320	4,593	4,511
Montana	15,709	15,275	17,335	1,646	1,367	1,311
Nebraska	30,483	29,679	36,197	4,282	4,786	5,505
Nevada	60,094	35,463	32,517	6,888	7,326	7,324
New Hampshire	NA	2,576	3,486	252	NA	NA
New Jersey	NA	141,794	150,538	16,052	NA	15,097
New Mexico	NA	27,972	19,647	1,651	1,433	1,521
New York	NA	230,080	257,777	26,123	NA	17,590
North Carolina	72,029	63,320	80,574	7,663	7,741	7,016
North Dakota	NA	14,133	10,962	908	NA	1,001
Ohio	202,671	212,420	244,631	20,322	22,229	21,046
Oklahoma	84,031	98,156	130,248	9,079	9,452	9,270
Oregon	66,157	71,762	80,813	7,739	7,853	5,862
Pennsylvania	155,189	160,584	187,808	15,179	15,819	14,980
Rhode Island	41,199	42,619	33,717	4,576	5,339	4,813
South Carolina	72,346	55,969	75,221	7,241	7,612	7,690
South Dakota	3,141	3,188	4,535	271	330	419
Tennessee	NA	86,187	94,373	7,775	8,960	8,585
Texas	NA	1,521,932	1,600,503	155,911	NA	167,698
Utah	NA	25,802	29,136	2,133	2,055	NA
Vermont	2,190	1,837	2,934	193	194	184
Virginia	70,516	59,310	75,956	9,042	10,773	10,387
Washington	NA	101,409	89,524	NA	NA	NA
West Virginia	NA	29,927	34,013	1,256	1,231	1,068
Wisconsin	106,009	110,290	114,944	9,899	9,215	9,168
Wyoming	NA	21,970	27,655	2,523	2,719	2,549
Total	**6,252,579**	**6,528,450**	**7,069,788**	**669,583**	**R728,390**	**R715,458**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002					
	June	May	April	March	February	January
Alabama	13,345	13,725	13,707	14,511	14,121	14,385
Alaska	NA	6,278	5,188	5,085	5,757	6,235
Arizona	1,569	1,616	1,618	1,752	1,804	1,949
Arkansas	8,716	9,219	9,431	10,569	9,546	9,333
California	91,838	72,827	69,617	84,892	74,271	85,592
Colorado	NA	NA	NA	NA	NA	NA
Connecticut	2,275	2,420	NA	NA	2,202	3,132
Delaware	1,204	1,269	NA	NA	1,916	2,266
District of Columbia	0	0	0	0	0	0
Florida	9,872	10,941	12,642	11,519	10,653	11,457
Georgia	11,851	12,737	12,076	12,880	11,711	11,957
Hawaii	36	43	42	39	40	42
Idaho [a]	2,065	2,299	2,377	2,561	2,553	2,765
Illinois	25,832	24,665	28,850	30,251	27,460	27,067
Indiana	18,870	19,931	22,415	24,920	24,365	25,727
Iowa	5,983	7,383	7,883	8,183	7,896	8,599
Kansas	7,470	7,748	6,855	8,086	7,503	7,978
Kentucky	7,231	8,082	7,401	8,487	8,622	8,808
Louisiana	R58,584	R59,491	R60,512	R66,912	R64,219	R71,174
Maine	NA	NA	47	28	0	1
Maryland	NA	2,583	3,534	3,901	3,605	NA
Massachusetts	8,028	9,287	7,257	12,909	8,062	11,950
Michigan	22,398	22,373	25,545	25,610	27,215	27,638
Minnesota	6,513	6,714	7,590	7,427	7,021	7,568
Mississippi	7,763	7,904	7,893	8,849	7,921	8,402
Missouri	4,525	5,698	5,724	7,033	5,870	6,480
Montana	1,508	1,622	2,229	1,881	2,074	2,071
Nebraska	1,829	2,752	2,687	2,280	3,117	3,244
Nevada	6,717	5,314	4,889	7,404	7,311	6,922
New Hampshire	321	312	293	350	267	309
New Jersey	14,551	13,471	15,889	16,102	15,497	15,567
New Mexico	NA	1,466	1,766	1,793	1,777	1,951
New York	19,281	19,393	NA	23,648	23,697	25,206
North Carolina	7,220	8,029	7,792	8,953	8,759	8,856
North Dakota	1,403	1,130	1,071	1,119	1,117	1,417
Ohio	21,095	22,775	21,917	23,935	24,122	25,231
Oklahoma	7,753	8,949	8,840	9,759	9,648	11,281
Oregon	5,434	6,685	7,599	8,509	8,691	7,783
Pennsylvania	15,369	16,382	17,224	19,674	18,795	21,767
Rhode Island	3,853	4,186	3,809	4,075	4,646	5,901
South Carolina	8,170	8,163	8,004	8,558	8,373	8,535
South Dakota	341	264	341	486	318	372
Tennessee	NA	8,752	9,376	9,345	11,755	11,223
Texas	171,890	171,429	178,076	158,682	149,315	162,656
Utah	NA	2,192	2,023	2,353	2,450	2,655
Vermont	192	224	240	311	317	335
Virginia	7,429	7,297	7,371	5,208	6,429	6,581
Washington	NA	6,708	6,827	9,677	NA	9,058
West Virginia	1,264	1,473	1,489	1,565	1,498	NA
Wisconsin	8,811	11,101	12,554	15,417	14,101	15,743
Wyoming	2,594	3,039	NA	1,943	2,722	3,058
Total	**R659,793**	**R660,300**	**R680,129**	**R720,176**	**R682,565**	**R736,185**

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	Total	December	November	October	September	August
Alabama	156,131	12,880	11,497	13,702	12,479	12,607
Alaska	72,352	5,757	5,339	5,720	6,144	6,807
Arizona	25,912	2,138	1,814	1,676	1,825	1,984
Arkansas	125,489	11,819	11,448	12,074	9,810	9,442
California	1,325,103	98,074	88,425	103,404	116,352	126,970
Colorado	83,340	6,153	6,567	5,018	4,801	6,041
Connecticut	24,757	1,602	2,042	2,107	1,837	1,885
Delaware	25,769	2,106	2,317	2,529	1,999	1,838
District of Columbia	0	0	0	0	0	0
Florida	127,590	10,286	11,437	10,498	11,215	10,777
Georgia	147,860	11,565	11,656	13,489	12,719	13,285
Hawaii	532	42	37	41	39	47
Idaho [a]	30,363	2,539	2,462	2,377	2,135	2,109
Illinois	296,647	23,929	24,037	25,415	18,871	23,273
Indiana	NA	23,373	21,048	21,265	NA	20,496
Iowa	NA	NA	8,271	7,856	7,091	7,311
Kansas	95,009	7,414	7,277	6,766	8,638	9,968
Kentucky	93,411	8,611	8,039	7,233	6,978	6,507
Louisiana	R747,075	R72,473	R69,369	R68,683	R64,061	R63,943
Maine	R2,889	R160	R274	308	210	208
Maryland	NA	NA	3,081	NA	2,932	4,174
Massachusetts	NA	NA	10,883	11,256	10,391	12,636
Michigan	292,033	26,295	25,389	22,066	19,333	20,378
Minnesota	87,449	7,574	7,868	7,598	7,652	6,898
Mississippi	NA	7,984	NA	6,995	7,692	7,464
Missouri	69,243	7,387	5,448	5,059	4,406	4,993
Montana	20,884	1,969	2,086	1,555	1,239	1,334
Nebraska	39,200	3,079	3,909	2,532	3,375	3,739
Nevada	49,174	4,184	4,115	5,412	4,761	5,416
New Hampshire	R3,647	395	354	321	253	201
New Jersey	R190,885	15,291	17,125	16,676	17,330	18,019
New Mexico	34,676	2,363	2,436	1,905	1,972	2,095
New York	299,289	22,952	21,148	25,108	25,898	30,211
North Carolina	88,705	8,442	7,954	8,989	7,394	7,839
North Dakota	17,788	1,122	1,070	1,463	1,361	1,797
Ohio	285,933	28,054	23,139	22,320	19,690	18,118
Oklahoma	122,795	8,183	7,796	8,660	7,338	7,483
Oregon	96,160	8,257	7,852	8,289	7,469	7,091
Pennsylvania	216,124	19,828	18,003	17,709	18,151	17,375
Rhode Island	59,140	6,000	4,522	5,999	5,777	6,065
South Carolina	79,366	7,761	7,229	8,408	6,827	7,129
South Dakota	4,234	369	345	332	289	261
Tennessee	R119,218	R10,324	R10,695	R12,012	R8,299	R9,591
Texas	2,002,798	159,482	160,435	160,949	153,616	159,843
Utah	33,858	2,423	2,588	3,045	2,730	2,367
Vermont	2,659	316	266	240	202	181
Virginia	NA	9,776	NA	NA	8,702	9,294
Washington	NA	8,157	9,297	NA	10,194	11,258
West Virginia	40,633	3,498	4,599	2,609	3,606	3,070
Wisconsin	148,926	13,889	12,256	12,491	9,914	9,662
Wyoming	30,142	2,872	2,629	2,671	2,403	2,374
Total	**R8,658,902**	**R719,418**	**R697,144**	**R713,891**	**R687,968**	**R723,854**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	July	June	May	April	March	February
Alabama	12,248	12,386	13,066	13,203	14,748	13,289
Alaska	6,637	5,235	5,728	6,151	6,487	5,805
Arizona	2,804	2,266	2,379	2,002	2,267	2,460
Arkansas	9,023	9,010	10,221	10,471	11,428	9,777
California	117,280	113,462	114,391	110,102	109,447	108,390
Colorado	5,400	8,162	6,786	8,626	8,042	8,039
Connecticut	2,365	2,111	2,302	2,065	2,199	2,053
Delaware	1,865	1,839	1,579	2,205	2,354	2,588
District of Columbia	0	0	0	0	0	0
Florida	11,725	10,326	10,925	10,437	10,251	9,233
Georgia	12,134	11,733	12,021	13,820	13,094	11,511
Hawaii	50	46	46	47	44	43
Idaho [a]	2,431	2,428	2,517	2,661	2,777	2,826
Illinois	24,006	20,129	24,389	23,815	29,170	29,292
Indiana	NA	19,065	19,635	20,256	25,296	24,195
Iowa	NA	6,987	7,912	8,120	9,066	8,810
Kansas	8,833	6,545	5,682	7,543	8,424	8,460
Kentucky	6,648	6,391	6,533	9,833	7,311	8,595
Louisiana	R57,428	R52,640	R56,497	R60,405	R63,654	R58,955
Maine	186	195	R325	R213	R231	R236
Maryland	3,179	3,115	2,475	2,627	2,958	2,627
Massachusetts	10,817	10,866	12,359	11,603	11,651	13,239
Michigan	20,990	21,823	22,132	26,777	29,494	27,728
Minnesota	5,898	5,750	5,771	7,290	8,357	8,061
Mississippi	7,299	7,475	7,919	7,940	9,236	6,432
Missouri	4,870	4,496	4,620	5,627	5,699	7,933
Montana	1,494	1,227	1,228	1,867	2,220	2,222
Nebraska	5,233	2,615	2,590	3,156	2,770	2,967
Nevada	4,251	3,878	2,622	2,322	3,628	4,466
New Hampshire	266	277	R362	163	378	336
New Jersey	17,198	15,245	14,195	15,781	15,033	R14,085
New Mexico	6,145	3,297	3,553	3,296	2,625	2,536
New York	26,569	27,432	23,428	24,619	24,461	23,790
North Carolina	6,997	7,026	6,697	6,704	7,491	6,309
North Dakota	815	2,014	1,855	2,198	1,231	1,553
Ohio	19,353	19,767	20,690	23,206	28,172	28,382
Oklahoma	10,603	10,182	12,669	12,464	12,596	14,486
Oregon	7,472	7,633	7,637	8,199	8,910	9,919
Pennsylvania	15,310	14,559	16,638	17,920	20,217	19,879
Rhode Island	5,269	4,852	5,197	3,625	5,389	2,954
South Carolina	6,652	6,245	6,103	6,097	6,657	5,548
South Dakota	261	255	331	372	451	453
Tennessee	R8,930	R8,715	R9,123	R11,131	R10,132	R9,901
Texas	165,946	153,176	170,359	177,893	191,134	170,055
Utah	2,640	2,866	2,965	3,001	2,766	3,278
Vermont	165	176	207	242	309	183
Virginia	8,016	4,659	5,793	4,896	4,756	6,321
Washington	12,199	10,633	11,763	11,415	11,824	11,331
West Virginia	3,290	2,975	3,132	3,335	3,313	3,457
Wisconsin	9,058	9,000	9,418	11,397	19,281	16,412
Wyoming	2,286	2,398	2,339	2,155	2,485	2,461
Total	**R706,708**	**R665,580**	**R699,101**	**R731,292**	**R781,911**	**R743,859**

[a] Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				September	August	July
Alabama	71,667	47,403	28,873	7,903	9,141	9,147
Alaska	23,084	23,617	25,775	2,604	2,494	2,841
Arizona	44,182	89,528	65,515	6,803	7,250	7,776
Arkansas	17,028	17,893	31,116	2,030	2,948	4,181
California	69,819	97,750	99,374	10,607	9,906	10,883
Colorado	33,492	35,081	23,202	3,962	4,052	4,978
Connecticut	0	0	0	0	0	0
Delaware	226	399	4,326	15	51	111
District of Columbia	0	0	0	0	0	0
Florida	351,404	235,741	260,584	46,433	50,307	48,094
Georgia	13,010	11,386	20,595	1,282	2,464	3,618
Hawaii	0	0	0	0	0	0
Idaho	411	0	0	11	32	226
Illinois	2,956	3,405	2,350	117	322	463
Indiana	11,250	5,295	4,859	1,690	1,460	2,249
Iowa	5,747	4,973	3,972	740	797	1,235
Kansas	19,479	20,234	29,722	2,114	4,206	5,680
Kentucky	7,839	3,471	3,000	1,082	1,438	2,285
Louisiana	202,028	189,240	236,194	23,836	30,374	28,973
Maine	0	0	0	0	0	0
Maryland	18	3	17,098	2	4	7
Massachusetts	2,038	1,675	2,719	506	528	343
Michigan	26,257	24,316	33,390	3,342	4,370	5,754
Minnesota	5,761	4,649	4,374	892	918	2,161
Mississippi	142,046	93,201	76,852	13,976	18,362	20,553
Missouri	26,015	24,716	27,265	3,192	4,900	4,617
Montana	97	144	158	9	19	28
Nebraska	4,236	3,551	4,462	551	858	1,284
Nevada	47,030	54,581	57,221	6,545	7,233	6,443
New Hampshire	798	205	783	219	311	79
New Jersey	1,047	1,180	16,837	63	386	198
New Mexico	24,264	32,066	32,309	2,465	3,739	4,735
New York	89,479	64,787	81,543	13,207	16,139	15,214
North Carolina	16,865	10,183	9,161	2,023	4,512	4,577
North Dakota	1	3	0	0	0	0
Ohio	9,661	4,922	5,926	1,446	1,986	2,237
Oklahoma	130,037	129,800	139,077	16,979	22,231	21,075
Oregon	11,353	35,209	27,302	1,554	1,145	754
Pennsylvania	9	9	2,476	1	1	2
Rhode Island	0	0	0	0	0	0
South Carolina	26,066	1,406	2,713	2,295	4,487	4,904
South Dakota	1,209	4,352	2,648	148	55	480
Tennessee	226	47	1,771	0	15	69
Texas	349,010	800,586	1,016,634	39,218	61,559	58,006
Utah	8,210	13,112	7,243	1,483	1,287	997
Vermont	26	107	763	3	3	4
Virginia	16,913	11,999	14,736	1,918	3,766	3,595
Washington	7,248	42,394	26,569	906	645	662
West Virginia	24	28	325	3	2	2
Wisconsin	11,151	10,300	9,523	1,629	1,416	2,833
Wyoming	1,302	2,119	1,108	174	123	139
Total	**1,832,019**	**2,157,066**	**2,462,443**	**225,979**	**288,243**	**294,491**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002					
	June	May	April	March	February	January
Alabama	7,762	6,491	7,190	7,003	7,985	9,046
Alaska	2,508	2,378	2,540	2,652	2,326	2,742
Arizona	6,415	4,640	3,037	4,002	2,193	2,065
Arkansas	3,086	1,323	1,472	766	728	495
California	6,281	5,125	5,583	8,955	5,897	6,582
Colorado	3,988	3,408	3,654	3,875	2,429	3,145
Connecticut	0	0	0	0	0	0
Delaware	21	6	5	5	6	6
District of Columbia	0	0	0	0	0	0
Florida	45,268	39,757	35,551	31,082	24,119	30,791
Georgia	1,810	1,565	1,380	344	360	187
Hawaii	0	0	0	0	0	0
Idaho	70	18	0	0	30	23
Illinois	106	82	153	721	697	294
Indiana	1,507	499	803	1,115	925	1,002
Iowa	742	481	502	575	296	379
Kansas	2,916	833	1,023	1,524	755	429
Kentucky	1,260	319	463	424	390	179
Louisiana	25,714	22,297	22,083	19,038	15,226	14,488
Maine	0	0	0	0	0	0
Maryland	3	0	1	0	0	0
Massachusetts	107	189	22	169	49	126
Michigan	3,043	1,854	1,957	2,053	2,414	1,472
Minnesota	788	234	164	285	130	188
Mississippi	16,205	14,460	14,109	14,479	15,085	14,816
Missouri	2,200	1,531	2,015	2,762	2,095	2,703
Montana	32	7	0	1	0	1
Nebraska	624	277	264	87	80	210
Nevada	5,683	4,881	3,877	4,515	3,760	4,092
New Hampshire	108	39	11	1	12	18
New Jersey	93	72	149	36	26	25
New Mexico	2,959	2,501	2,495	2,262	1,866	1,242
New York	10,770	7,240	6,076	6,774	7,157	6,901
North Carolina	2,886	1,292	967	208	354	46
North Dakota	0	0	0	0	0	0
Ohio	1,702	460	811	392	522	104
Oklahoma	15,455	11,773	12,956	9,889	12,017	7,661
Oregon	0	388	461	2,358	1,416	3,277
Pennsylvania	1	1	1	1	1	1
Rhode Island	0	0	0	0	0	0
South Carolina	3,560	3,946	2,267	719	1,418	2,470
South Dakota	182	58	62	61	145	18
Tennessee	0	0	18	124	0	0
Texas	47,716	36,609	31,252	27,381	21,110	26,160
Utah	701	935	890	821	560	536
Vermont	3	3	2	2	3	4
Virginia	2,403	920	1,159	526	789	1,837
Washington	327	338	518	1,957	967	928
West Virginia	3	1	3	3	3	3
Wisconsin	1,375	713	1,177	720	778	510
Wyoming	132	88	141	194	157	156
Total	**228,513**	**180,028**	**169,266**	**160,864**	**137,277**	**147,359**

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	Total	December	November	October	September	August
Alabama	66,179	5,234	6,723	6,818	6,753	8,444
Alaska	32,591	3,187	2,947	2,840	2,370	2,596
Arizona	102,515	3,823	2,972	6,192	7,147	9,518
Arkansas	21,005	409	1,167	1,536	1,629	3,544
California	120,098	6,372	6,558	9,419	9,924	12,130
Colorado	45,984	3,583	2,859	4,461	3,933	4,228
Connecticut	0	0	0	0	0	0
Delaware	480	21	38	21	232	81
District of Columbia	0	0	0	0	0	0
Florida	327,939	30,657	24,882	36,657	38,094	37,241
Georgia	12,255	65	33	771	1,845	3,105
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	5,102	692	557	449	254	1,048
Indiana	6,359	432	526	106	270	1,490
Iowa	5,754	276	246	259	455	1,254
Kansas	23,269	787	1,045	1,203	1,576	5,046
Kentucky	4,138	277	153	238	404	1,054
Louisiana	226,659	10,113	9,230	18,076	24,034	35,066
Maine	0	0	0	0	0	0
Maryland	4	0	0	0	0	1
Massachusetts	2,245	175	65	330	444	545
Michigan	33,525	2,194	2,719	4,296	2,577	6,106
Minnesota	5,144	128	176	191	218	1,477
Mississippi	126,093	9,531	9,174	14,187	19,208	18,050
Missouri	30,353	1,842	1,823	1,972	2,808	6,170
Montana	146	0	1	1	3	46
Nebraska	4,290	249	244	247	181	695
Nevada	68,997	5,303	4,300	4,813	4,150	5,764
New Hampshire	525	29	0	291	185	20
New Jersey	1,224	14	6	24	67	470
New Mexico	38,364	1,201	2,196	2,901	3,244	4,255
New York	93,569	9,065	8,291	11,426	11,188	14,641
North Carolina	11,075	159	130	604	727	4,615
North Dakota	3	0	0	0	0	0
Ohio	5,127	37	90	78	175	1,230
Oklahoma	160,871	9,148	9,482	12,442	16,554	23,660
Oregon	45,013	2,762	3,211	3,831	3,559	4,238
Pennsylvania	11	0	1	1	1	2
Rhode Island	0	0	0	0	0	0
South Carolina	2,310	51	52	801	62	524
South Dakota	4,502	67	24	58	206	665
Tennessee	47	0	0	0	0	0
Texas	957,688	41,482	44,887	70,733	82,816	131,137
Utah	15,155	706	537	800	1,263	1,260
Vermont	116	3	3	3	2	2
Virginia	17,728	1,413	2,035	2,281	3,043	3,531
Washington	47,031	1,143	1,149	2,345	2,503	3,753
West Virginia	33	2	2	2	2	7
Wisconsin	12,041	423	543	775	958	2,323
Wyoming	2,729	223	192	195	173	186
Total	**2,686,287**	**153,279**	**151,268**	**224,674**	**255,236**	**361,218**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	July	June	May	April	March	February
Alabama	7,979	6,636	4,762	3,422	3,725	1,901
Alaska	2,489	2,435	2,269	2,441	2,973	2,860
Arizona	10,790	10,314	13,186	11,412	10,393	9,900
Arkansas	3,794	1,425	1,753	2,515	1,166	394
California	10,244	9,875	10,913	11,289	10,550	10,541
Colorado	4,727	4,218	3,892	3,972	4,282	3,131
Connecticut	0	0	0	0	0	0
Delaware	38	21	5	5	5	6
District of Columbia	0	0	0	0	0	0
Florida	36,276	31,410	25,674	23,026	18,296	11,989
Georgia	2,739	1,258	1,152	1,138	91	36
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	1,161	378	268	64	70	80
Indiana	749	629	141	412	188	942
Iowa	1,129	488	551	366	327	176
Kansas	7,110	1,911	1,488	927	937	601
Kentucky	842	351	307	206	195	51
Louisiana	30,160	19,968	19,894	20,528	13,277	11,965
Maine	0	0	0	0	0	0
Maryland	1	0	0	0	0	0
Massachusetts	196	123	223	56	71	8
Michigan	5,291	2,788	1,064	641	1,748	1,577
Minnesota	1,274	434	408	275	248	129
Mississippi	17,767	9,677	9,767	9,129	3,864	1,890
Missouri	6,100	2,743	2,176	2,183	1,406	653
Montana	61	19	7	1	4	0
Nebraska	1,189	420	308	315	280	102
Nevada	5,622	5,582	6,808	5,672	7,718	5,820
New Hampshire	0	0	0	0	0	0
New Jersey	167	252	86	62	56	21
New Mexico	4,913	4,223	4,027	4,041	3,344	2,477
New York	12,042	9,024	5,219	4,271	3,065	2,931
North Carolina	2,628	1,481	459	222	39	0
North Dakota	0	0	1	0	0	0
Ohio	1,235	572	789	412	332	99
Oklahoma	27,095	15,593	11,813	10,450	9,559	6,314
Oregon	4,237	4,261	3,457	3,342	3,438	5,127
Pennsylvania	2	1	1	0	0	0
Rhode Island	0	0	0	0	0	0
South Carolina	357	280	95	47	10	8
South Dakota	717	456	658	637	603	305
Tennessee	22	23	0	0	2	0
Texas	134,422	103,978	93,594	80,018	61,577	52,839
Utah	1,246	1,509	1,670	1,656	1,536	1,549
Vermont	3	3	54	2	6	3
Virginia	2,525	1,760	645	332	79	22
Washington	5,383	3,717	5,807	5,803	5,694	5,636
West Virginia	6	4	4	1	1	1
Wisconsin	1,844	942	757	581	1,019	1,303
Wyoming	228	162	256	385	270	230
Total	**356,801**	**261,345**	**236,407**	**212,257**	**172,448**	**143,619**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

Notes: Geographic coverage is the 50 States and the District of Columbia.
Source: Form EIA-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				September	August	July
Alabama	NA	224,573	224,330	22,982	NA	24,218
Alaska	NA	101,283	111,162	10,132	10,201	11,303
Arizona	NA	161,800	133,277	11,374	11,788	NA
Arkansas	NA	159,212	176,377	NA	NA	NA
California	1,441,009	1,694,298	1,636,132	150,470	165,966	166,927
Colorado	NA	246,627	210,167	21,752	NA	NA
Connecticut	NA	81,389	88,880	5,013	4,972	5,086
Delaware	NA	31,689	40,160	NA	2,156	2,061
District of Columbia	20,841	24,640	24,622	1,190	1,152	1,137
Florida	500,780	381,576	415,335	61,322	65,678	63,073
Georgia	240,303	249,369	277,344	19,126	21,433	21,978
Hawaii	2,056	2,157	2,137	224	222	239
Idaho	NA	46,873	46,143	3,203	NA	NA
Illinois	NA	666,989	670,333	39,981	44,491	NA
Indiana	NA	NA	401,349	27,738	NA	28,709
Iowa	151,245	NA	153,732	10,496	9,681	9,812
Kansas	NA	180,836	190,308	15,815	NA	17,731
Kentucky	140,253	138,357	141,531	10,749	10,297	11,460
Louisiana	NA	784,247	933,274	NA	R103,064	R98,861
Maine	NA	4,741	5,144	517	NA	NA
Maryland	NA	131,015	147,748	8,186	NA	7,358
Massachusetts	NA	242,198	245,140	15,742	R16,995	NA
Michigan	614,362	638,428	643,038	34,406	36,341	41,273
Minnesota	NA	226,980	225,647	14,333	NA	15,005
Mississippi	NA	203,545	195,041	23,354	NA	30,975
Missouri	204,774	218,243	198,598	11,978	13,488	13,497
Montana	41,388	39,246	39,475	2,654	2,250	2,218
Nebraska	86,445	88,913	89,898	6,680	7,309	8,657
Nevada	147,813	130,157	128,712	15,769	16,689	16,008
New Hampshire	NA	14,057	15,639	NA	NA	NA
New Jersey	NA	407,492	435,796	29,612	NA	26,420
New Mexico	NA	100,080	93,517	5,724	6,936	8,034
New York	NA	833,416	935,170	NA	NA	67,263
North Carolina	156,145	146,521	162,814	12,357	14,582	14,124
North Dakota	NA	28,426	25,442	1,553	NA	1,479
Ohio	544,941	584,502	598,679	32,165	34,354	35,362
Oklahoma	294,060	314,588	344,064	28,589	34,454	33,227
Oregon	127,911	156,443	156,288	11,307	10,846	8,698
Pennsylvania	418,344	448,124	470,895	25,748	25,600	25,341
Rhode Island	NA	67,188	57,459	5,437	6,285	5,698
South Carolina	133,724	94,706	113,768	11,157	13,629	14,213
South Dakota	20,032	23,351	21,852	1,017	890	1,400
Tennessee	NA	178,016	179,431	11,050	11,993	11,734
Texas	NA	2,631,117	2,882,242	211,922	NA	242,202
Utah	NA	96,178	89,909	6,884	5,753	NA
Vermont	6,006	6,034	7,759	341	329	324
Virginia	178,591	170,464	188,910	15,202	18,824	18,105
Washington	NA	232,656	203,033	NA	NA	NA
West Virginia	NA	72,931	75,847	4,508	4,901	NA
Wisconsin	263,302	271,752	261,550	17,665	16,262	16,869
Wyoming	NA	38,495	43,493	3,484	3,245	NA
Total	**13,768,600**	**14,544,993**	**15,158,591**	**1,182,480**	**R1,283,692**	**R1,282,478**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002					
	June	May	April	March	February	January
Alabama	23,669	23,175	26,112	31,773	33,276	36,326
Alaska	NA	NA	10,869	11,753	11,862	13,073
Arizona	11,521	10,372	10,112	13,767	14,761	16,062
Arkansas	NA	NA	NA	22,327	25,235	NA
California	142,269	133,050	138,889	174,542	168,875	200,021
Colorado	NA	NA	NA	NA	NA	NA
Connecticut	NA	NA	NA	NA	NA	14,793
Delaware	1,716	2,099	NA	NA	4,199	5,008
District of Columbia	1,143	1,528	2,045	3,678	4,192	4,776
Florida	59,925	55,618	53,923	49,729	41,448	50,063
Georgia	19,511	21,756	22,199	32,748	38,739	42,813
Hawaii	224	226	234	225	226	236
Idaho	3,393	4,424	5,559	7,449	8,519	8,682
Illinois	45,314	59,427	90,799	123,508	118,380	130,428
Indiana	27,265	32,823	44,318	58,684	58,387	66,310
Iowa	10,109	13,470	18,779	25,661	24,842	28,395
Kansas	13,701	13,295	17,416	25,573	25,088	28,373
Kentucky	10,630	11,916	14,130	22,554	23,925	24,591
Louisiana	R93,403	R86,143	R93,803	R98,097	R91,667	R98,366
Maine	NA	NA	NA	842	839	877
Maryland	NA	8,843	12,733	21,254	23,560	NA
Massachusetts	17,442	21,956	24,677	36,234	34,862	39,288
Michigan	46,555	58,736	81,251	98,236	103,718	113,845
Minnesota	14,198	20,932	28,005	NA	35,140	41,268
Mississippi	26,048	24,405	25,841	30,073	29,750	32,308
Missouri	12,091	16,455	24,083	35,528	36,507	41,147
Montana	2,909	4,017	5,757	7,165	6,771	7,646
Nebraska	4,877	6,539	10,237	12,635	13,746	15,767
Nevada	15,069	13,522	12,969	18,374	19,502	19,911
New Hampshire	NA	1,448	NA	2,480	2,628	2,646
New Jersey	27,416	34,371	45,879	57,641	64,697	70,583
New Mexico	NA	6,859	9,303	12,417	13,759	12,975
New York	67,849	74,710	NA	113,876	117,118	121,907
North Carolina	13,183	12,994	15,726	21,809	24,269	27,101
North Dakota	1,937	2,428	3,079	NA	3,946	5,001
Ohio	38,018	49,397	66,266	92,045	95,653	101,680
Oklahoma	26,525	25,225	32,122	35,567	39,757	38,594
Oregon	8,477	11,891	14,553	19,573	20,172	22,394
Pennsylvania	28,557	37,198	52,929	69,327	71,649	81,994
Rhode Island	5,162	6,279	6,818	NA	NA	NA
South Carolina	13,613	14,226	13,779	16,000	17,162	19,946
South Dakota	1,159	1,634	2,602	3,902	3,497	3,932
Tennessee	NA	13,438	19,066	27,253	31,302	35,352
Texas	236,859	226,333	239,584	238,887	216,016	255,315
Utah	NA	7,031	8,396	15,104	17,561	19,568
Vermont	422	569	804	954	1,143	1,120
Virginia	14,573	14,587	17,126	22,782	26,470	30,922
Washington	NA	16,351	20,434	28,089	NA	29,493
West Virginia	4,963	6,836	8,406	11,549	11,252	NA
Wisconsin	16,242	24,180	31,682	47,965	43,245	49,193
Wyoming	3,598	4,572	NA	NA	5,312	7,740
Total	**R1,208,752**	**R1,291,687**	**R1,540,208**	**R1,922,866**	**R1,918,126**	**R2,138,311**

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	Total	December	November	October	September	August
Alabama	296,198	24,746	23,022	23,856	21,540	23,303
Alaska	140,070	14,260	12,618	11,908	10,329	10,797
Arizona	196,150	14,695	8,752	10,903	11,830	14,253
Arkansas	217,561	21,968	19,086	17,295	14,092	15,526
California	2,200,654	193,603	152,713	160,040	163,699	178,624
Colorado	321,426	36,012	22,630	16,157	13,582	14,530
Connecticut	107,298	10,879	8,541	6,490	4,426	4,841
Delaware	41,846	3,531	3,417	3,209	2,621	2,258
District of Columbia	30,954	2,867	2,174	1,272	1,113	941
Florida	521,198	46,478	41,477	51,667	53,675	52,195
Georgia	335,170	35,212	24,615	25,975	20,736	22,137
Hawaii	2,818	225	217	220	226	227
Idaho	63,101	7,291	5,191	3,746	3,043	2,845
Illinois	918,503	113,968	73,278	64,269	39,194	39,639
Indiana	NA	51,926	39,271	34,344	NA	NA
Iowa	NA	NA	16,854	14,519	10,745	10,875
Kansas	227,755	20,872	14,450	11,597	13,156	18,004
Kentucky	189,881	23,000	16,108	12,416	9,901	9,782
Louisiana	R1,052,684	R92,250	R84,773	R91,414	R91,841	R102,048
Maine	R6,502	R622	R637	502	326	302
Maryland	NA	NA	14,482	NA	7,924	8,580
Massachusetts	NA	NA	22,597	19,373	16,478	17,869
Michigan	853,359	89,562	70,403	54,966	36,562	37,945
Minnesota	310,099	37,550	24,143	21,426	14,074	13,960
Mississippi	NA	22,278	NA	23,307	28,545	27,290
Missouri	280,152	29,890	18,382	13,637	11,885	15,320
Montana	54,443	6,685	5,072	3,440	2,131	2,148
Nebraska	115,778	10,702	10,622	5,541	5,390	6,248
Nevada	173,605	18,171	12,395	12,882	11,180	13,430
New Hampshire	R18,796	2,111	1,452	1,176	855	589
New Jersey	R537,174	53,463	43,413	32,806	27,832	27,588
New Mexico	130,277	13,405	9,034	7,758	7,263	8,155
New York	1,106,112	110,899	82,459	79,338	75,642	81,444
North Carolina	195,584	19,056	15,618	14,390	10,860	14,875
North Dakota	39,016	4,474	3,086	3,030	1,952	2,395
Ohio	777,029	85,849	58,205	48,472	32,331	30,138
Oklahoma	391,508	29,205	22,944	24,771	26,745	34,189
Oregon	207,598	19,644	16,662	14,849	13,113	13,267
Pennsylvania	593,814	62,593	45,797	37,300	28,314	26,573
Rhode Island	89,882	8,832	6,610	7,252	6,774	6,980
South Carolina	129,231	12,196	10,931	11,397	8,517	9,186
South Dakota	30,740	3,610	2,120	1,659	1,055	1,496
Tennessee	R235,983	R23,099	R18,338	R16,530	R11,588	R12,475
Texas	3,367,032	253,385	231,916	250,615	251,130	312,045
Utah	135,549	18,560	11,628	9,183	6,586	6,006
Vermont	7,967	830	661	442	363	309
Virginia	NA	25,064	NA	NA	16,181	17,162
Washington	NA	34,515	28,520	NA	16,517	18,703
West Virginia	102,402	12,310	10,365	6,795	5,672	4,677
Wisconsin	370,102	43,327	28,374	26,650	17,200	16,410
Wyoming	53,129	5,544	4,919	4,171	3,148	3,012
Total	**R19,194,012**	**R1,836,476**	**R1,445,507**	**R1,367,035**	**R1,216,040**	**R1,340,647**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	July	June	May	April	March	February
Alabama	22,455	21,512	21,225	23,550	27,065	27,737
Alaska	10,459	9,153	10,255	11,184	13,171	12,328
Arizona	16,430	15,818	19,778	19,048	21,565	23,190
Arkansas	15,048	12,834	14,133	16,843	22,579	21,301
California	167,047	161,914	172,722	189,356	201,320	215,971
Colorado	15,422	19,762	23,631	32,000	39,601	41,830
Connecticut	4,800	5,791	5,996	9,977	13,985	14,262
Delaware	2,319	2,376	2,356	3,922	4,931	5,261
District of Columbia	1,253	1,293	1,713	3,327	4,377	4,815
Florida	52,191	46,159	41,528	39,013	34,608	29,113
Georgia	20,665	18,984	20,358	25,349	36,829	34,546
Hawaii	242	244	237	243	247	237
Idaho	3,292	3,530	4,329	5,648	6,749	8,521
Illinois	41,254	38,168	46,895	62,492	116,676	131,845
Indiana	NA	NA	NA	37,071	NA	NA
Iowa	NA	10,829	12,913	17,583	27,121	29,850
Kansas	19,056	11,481	11,097	17,335	26,758	27,869
Kentucky	9,544	8,632	9,549	14,886	21,616	23,081
Louisiana	R90,896	R75,792	R80,057	R85,975	R84,830	R82,419
Maine	278	282	R504	R520	R733	R798
Maryland	7,623	8,069	9,001	14,420	21,886	22,955
Massachusetts	15,934	17,171	22,325	R29,858	R37,746	40,576
Michigan	38,583	41,457	48,396	77,481	112,960	112,355
Minnesota	12,674	12,839	15,167	24,574	39,241	46,044
Mississippi	26,861	18,944	20,002	20,606	18,785	16,303
Missouri	15,401	12,488	13,341	22,799	34,277	40,719
Montana	2,355	2,434	3,050	5,028	5,773	8,348
Nebraska	8,411	5,347	6,970	10,880	13,496	15,229
Nevada	12,169	11,981	12,622	12,435	17,869	18,518
New Hampshire	548	680	R1,193	R1,890	2,640	2,874
New Jersey	27,026	25,966	31,048	49,978	67,380	R69,058
New Mexico	13,085	9,574	10,190	11,884	11,241	14,563
New York	73,147	71,507	69,031	89,753	117,220	121,608
North Carolina	12,312	11,645	11,249	15,150	20,041	21,182
North Dakota	1,366	2,540	2,622	3,826	3,576	5,277
Ohio	33,167	34,522	41,292	66,274	101,713	109,791
Oklahoma	41,125	29,093	28,846	32,018	38,247	39,643
Oregon	13,891	14,766	15,779	18,212	20,865	24,954
Pennsylvania	24,549	25,807	33,515	53,809	78,318	80,353
Rhode Island	6,205	6,007	6,970	7,140	10,152	7,850
South Carolina	8,568	8,201	8,506	10,598	12,101	12,786
South Dakota	1,493	1,382	1,946	2,849	4,228	4,606
Tennessee	R12,135	R11,933	R13,266	R20,883	R25,948	R28,072
Texas	316,987	274,687	284,524	287,952	297,629	283,558
Utah	6,231	7,129	7,908	11,315	13,178	17,564
Vermont	307	384	544	837	1,091	1,005
Virginia	14,573	10,777	11,850	15,651	22,861	26,989
Washington	21,792	20,068	26,331	29,444	32,084	34,692
West Virginia	4,527	4,732	5,370	9,475	11,358	12,279
Wisconsin	16,146	15,910	18,061	26,099	54,618	53,137
Wyoming	3,001	3,344	3,674	4,562	5,068	5,916
Total	**R1,320,440**	**R1,211,795**	**R1,311,399**	**R1,602,998**	**R2,015,978**	**R2,095,623**

R Revised Data.
NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-759, "Monthly Power Plant Report."

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				September	August	July	June	May
Alabama	4.73	7.04	3.88	4.69	4.81	5.18	5.22	4.89
Alaska	NA	2.38	1.60	2.39	NA	2.38	2.31	2.34
Arizona	3.70	5.61	4.11	4.32	4.26	4.16	3.78	3.80
Arkansas	NA	NA	3.44	NA	NA	NA	NA	NA
California	2.95	7.68	3.68	2.86	2.82	3.10	2.98	3.18
Colorado	2.55	4.83	2.95	1.70	1.59	1.95	3.65	2.38
Connecticut	NA	9.27	6.27	NA	6.54	7.17	6.97	6.74
Delaware	NA	5.69	2.96	5.32	4.32	5.38	NA	5.40
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.65	5.94	4.32	3.66	3.47	4.29	3.78	3.95
Georgia	4.13	6.81	3.88	5.27	4.85	5.19	5.27	6.39
Hawaii	6.91	8.04	8.06	7.76	7.53	7.66	7.62	6.66
Idaho	NA	5.52	2.97	NA	NA	6.28	4.71	3.43
Illinois	3.55	6.45	3.99	4.68	3.30	3.76	3.96	3.53
Indiana	NA	NA	3.22	2.96	2.29	NA	3.80	3.61
Iowa	3.77	7.29	4.03	4.17	5.08	5.01	4.86	4.21
Kansas	3.86	6.86	3.85	3.47	3.21	3.63	4.39	4.26
Kentucky	4.33	NA	4.07	3.91	4.17	3.77	3.97	4.65
Louisiana	NA	NA	3.83	NA	NA	NA	NA	NA
Maine	NA	6.72	5.13	3.15	3.73	3.49	3.76	3.42
Maryland	NA	7.51	4.45	4.43	NA	5.69	5.46	5.34
Massachusetts	4.84	7.30	4.87	6.26	7.38	7.41	7.35	5.56
Michigan	4.11	4.22	3.11	3.96	3.68	3.84	3.93	3.94
Minnesota	NA	6.62	3.70	3.96	NA	3.98	4.13	3.83
Mississippi	3.88	NA	3.67	3.92	3.01	3.78	4.18	3.88
Missouri	4.40	7.24	4.23	5.79	5.60	6.43	6.44	5.46
Montana	2.61	4.54	3.02	2.53	2.00	1.75	2.16	2.76
Nebraska	3.86	7.31	3.79	3.98	4.08	4.02	4.17	4.36
Nevada	4.24	NA	3.97	4.87	5.18	4.61	3.99	3.81
New Hampshire	4.04	NA	4.52	3.59	3.37	3.50	3.22	3.43
New Jersey	NA	7.08	5.08	5.75	NA	5.65	5.90	5.74
New Mexico	2.49	4.69	2.84	2.20	2.57	2.55	2.17	2.42
New York	NA	NA	4.10	NA	3.10	3.21	3.47	3.59
North Carolina	4.22	7.68	4.49	4.75	4.48	4.54	4.92	4.39
North Dakota	NA	NA	3.93	3.56	NA	2.42	3.27	3.63
Ohio	NA	NA	5.75	NA	NA	2.14	4.45	3.88
Oklahoma	NA	7.17	3.42	4.01	3.34	NA	3.48	3.93
Oregon	NA	4.81	3.40	NA	NA	NA	NA	5.69
Pennsylvania	NA	7.25	4.49	NA	4.56	5.88	5.73	5.62
Rhode Island	NA	8.34	3.61	7.01	5.03	5.99	5.82	5.40
South Carolina	4.88	7.21	4.47	5.19	5.03	5.11	5.35	5.35
South Dakota	4.11	7.73	4.28	3.71	4.25	3.97	4.89	4.10
Tennessee	3.94	6.61	3.85	3.69	3.66	3.82	3.83	4.13
Texas	3.58	6.35	3.57	3.54	3.63	3.44	3.69	4.19
Utah	4.09	5.99	3.38	3.93	2.55	3.48	4.00	3.54
Vermont	5.04	4.88	3.83	5.14	[R]5.53	[R]5.13	[R]5.31	4.65
Virginia	NA	7.19	4.38	5.98	5.00	5.87	6.28	5.62
Washington	NA	NA	3.24	NA	NA	NA	NA	4.07
West Virginia	NA	NA	3.59	5.84	6.64	6.61	6.66	4.67
Wisconsin	4.10	6.89	3.74	5.59	5.76	5.89	5.65	4.19
Wyoming	NA	7.13	4.32	3.99	3.16	NA	2.59	2.62
Total	**3.92**	**6.50**	**3.97**	**4.07**	**3.59**	**3.90**	**4.14**	**4.02**

See footnotes at end of table.

Table 20

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002				2001			
	April	March	February	January	Total	December	November	October
Alabama	4.37	4.49	4.80	4.71	6.62	4.99	4.99	5.16
Alaska	2.39	2.41	2.41	2.44	2.35	2.34	2.30	2.29
Arizona	3.70	3.74	3.35	3.41	5.05	3.27	4.38	3.47
Arkansas	NA	NA	5.72	NA	NA	NA	NA	NA
California	3.85	2.76	2.42	2.68	6.64	2.80	3.15	2.38
Colorado	2.87	3.15	2.58	2.64	4.21	2.93	3.02	2.28
Connecticut	NA	5.71	NA	6.72	8.12	5.07	6.30	4.23
Delaware	5.80	6.70	4.07	4.47	5.18	4.39	4.05	3.19
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.01	3.51	3.27	3.35	5.21	3.41	3.58	2.69
Georgia	3.70	3.18	4.21	2.44	6.05	3.77	4.26	3.55
Hawaii	6.44	6.03	6.10	6.49	7.86	6.95	7.53	7.42
Idaho	3.36	3.56	3.53	3.77	4.85	3.74	3.85	3.48
Illinois	3.93	3.13	3.16	3.52	5.55	3.52	3.56	2.46
Indiana	3.89	3.37	3.33	3.37	NA	3.60	3.90	NA
Iowa	4.03	3.51	3.39	3.46	NA	NA	3.45	2.84
Kansas	4.77	3.98	3.80	3.65	6.05	3.92	4.23	3.01
Kentucky	5.47	4.06	4.69	4.08	NA	4.85	4.82	4.26
Louisiana	NA	NA	NA	3.91	NA	NA	NA	3.16
Maine	NA	3.99	4.79	4.02	NA	NA	NA	1.48
Maryland	5.30	4.18	4.44	NA	6.78	4.61	5.47	4.66
Massachusetts	4.23	4.29	4.24	3.80	NA	NA	6.00	3.75
Michigan	3.51	4.76	4.45	4.54	4.09	3.55	3.80	3.68
Minnesota	3.54	3.64	3.65	3.42	5.84	4.02	4.52	2.57
Mississippi	4.42	3.62	3.76	4.14	NA	4.11	NA	3.35
Missouri	4.94	4.03	3.97	3.65	6.31	3.61	4.67	3.57
Montana	3.05	2.72	2.64	3.09	3.93	2.39	3.12	1.96
Nebraska	4.31	3.63	3.58	3.77	6.38	3.66	3.83	2.85
Nevada	4.35	4.48	3.83	4.20	NA	4.18	5.02	3.57
New Hampshire	4.91	3.88	3.14	7.84	NA	4.35	3.26	NA
New Jersey	4.48	4.97	4.84	4.31	6.41	4.27	5.47	4.18
New Mexico	2.90	2.44	2.23	2.71	NA	2.41	NA	2.36
New York	3.57	3.98	3.47	4.19	NA	3.81	NA	2.87
North Carolina	4.51	3.81	3.72	4.06	6.72	4.11	4.70	4.42
North Dakota	3.54	3.23	3.26	3.54	NA	2.51	4.34	2.10
Ohio	3.07	[R]3.35	4.28	3.63	NA	4.89	5.38	5.70
Oklahoma	4.14	NA	4.07	NA	6.48	4.49	5.10	4.95
Oregon	5.46	5.17	5.10	4.75	4.92	5.39	5.41	4.60
Pennsylvania	NA	4.91	5.20	4.44	6.71	5.20	5.03	5.91
Rhode Island	5.08	4.18	4.07	NA	7.42	4.14	5.28	6.09
South Carolina	5.23	4.39	4.30	4.96	6.48	4.95	5.01	4.08
South Dakota	4.98	3.69	4.04	4.10	NA	NA	3.94	3.25
Tennessee	3.50	3.78	3.99	4.35	5.98	4.28	4.79	3.79
Texas	4.13	3.29	3.25	3.61	5.53	3.22	3.69	2.88
Utah	3.60	4.18	4.54	4.34	5.62	5.01	4.69	4.76
Vermont	4.81	4.82	5.01	5.32	4.83	5.15	3.93	5.06
Virginia	4.47	3.33	3.99	NA	NA	5.03	NA	NA
Washington	4.28	3.86	4.09	2.24	NA	3.88	4.09	3.00
West Virginia	4.44	3.85	3.82	NA	NA	NA	4.44	3.95
Wisconsin	4.32	3.47	3.74	3.71	5.90	3.50	4.33	2.85
Wyoming	4.07	NA	3.98	3.97	6.32	4.44	4.91	4.63
Total	**4.09**	**3.78**	**3.78**	**4.03**	**5.77**	**3.93**	**3.98**	**3.32**

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	September	August	July	June	May	April	March	February
Alabama	5.45	6.02	5.62	6.47	6.98	6.33	6.90	8.60
Alaska	2.25	2.22	1.91	2.68	2.23	2.20	2.55	2.53
Arizona	3.93	4.05	3.68	4.24	4.92	5.22	5.31	6.25
Arkansas	3.93	4.41	NA	NA	NA	NA	NA	NA
California	2.71	2.80	2.92	8.08	7.32	7.52	8.36	9.42
Colorado	2.73	3.04	3.14	3.21	3.94	5.21	4.73	5.01
Connecticut	5.84	8.54	7.96	6.98	8.87	9.97	8.65	10.03
Delaware	3.31	3.77	4.80	4.63	5.15	5.96	6.10	7.33
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.98	3.45	3.98	4.56	5.75	6.50	6.30	6.18
Georgia	3.81	3.92	4.35	6.43	5.77	6.14	6.65	8.05
Hawaii	7.92	7.90	7.92	7.76	7.91	7.57	7.42	8.78
Idaho	3.50	3.12	3.60	4.20	6.00	5.24	5.04	5.58
Illinois	2.60	3.99	3.80	4.56	5.03	6.09	5.19	6.89
Indiana	NA	3.01	3.08	NA	NA	3.36	NA	5.77
Iowa	3.80	4.26	5.42	5.40	6.52	6.47	6.06	8.01
Kansas	3.12	4.12	4.17	4.84	6.45	6.59	5.92	8.32
Kentucky	2.36	4.51	NA	6.45	7.18	5.53	5.89	8.65
Louisiana	3.47	4.23	NA	4.60	5.03	6.06	6.11	6.96
Maine	3.01	6.56	6.61	R9.92	11.90	5.84	6.53	7.57
Maryland	4.34	5.00	5.60	6.09	7.56	5.41	6.50	7.01
Massachusetts	6.15	6.69	7.38	6.73	5.78	6.40	6.00	7.64
Michigan	3.86	4.30	4.36	4.46	4.61	4.90	3.60	3.52
Minnesota	3.66	4.08	4.32	4.84	5.51	6.00	5.51	7.28
Mississippi	NA	5.95	4.32	4.68	5.43	6.33	NA	6.44
Missouri	5.33	6.02	6.38	6.47	7.66	7.35	5.60	7.07
Montana	2.23	2.58	2.85	2.64	3.85	4.09	5.03	5.31
Nebraska	4.13	4.18	4.31	4.96	6.28	7.20	6.52	8.10
Nevada	4.67	5.22	3.63	3.95	NA	6.54	5.53	5.64
New Hampshire	NA	6.56	5.67	3.59	4.75	4.77	4.88	5.21
New Jersey	4.92	5.47	5.81	6.21	7.26	7.43	6.18	7.11
New Mexico	2.07	2.62	2.48	2.80	3.71	4.55	4.75	5.81
New York	2.90	3.64	3.38	3.97	5.22	NA	5.37	6.47
North Carolina	5.02	5.55	5.96	6.07	7.25	7.20	7.05	8.03
North Dakota	2.86	3.10	NA	2.93	4.76	5.64	6.00	6.48
Ohio	5.13	7.63	NA	8.49	6.29	11.56	9.95	10.34
Oklahoma	5.19	5.30	4.11	4.25	4.50	6.76	6.39	6.85
Oregon	5.42	5.07	5.03	4.85	4.70	4.25	4.45	4.67
Pennsylvania	6.32	6.11	6.58	6.75	7.23	7.15	6.96	6.91
Rhode Island	7.90	8.15	7.28	9.96	9.90	8.79	9.60	6.69
South Carolina	4.70	5.01	5.39	5.83	6.94	6.87	6.34	7.88
South Dakota	4.61	4.51	5.04	5.93	7.30	7.50	6.58	7.68
Tennessee	3.51	4.04	4.10	4.91	5.55	5.99	6.30	7.73
Texas	3.16	4.14	4.45	4.78	5.61	5.71	5.81	7.01
Utah	6.65	5.82	5.94	5.48	5.53	5.51	6.35	6.41
Vermont	4.06	4.35	4.14	4.09	4.38	4.70	4.93	5.23
Virginia	5.49	7.43	6.71	7.52	8.13	4.72	6.61	7.65
Washington	3.56	3.50	NA	4.07	5.41	5.14	5.13	6.48
West Virginia	2.99	4.21	4.53	NA	NA	5.98	4.58	4.26
Wisconsin	3.68	5.04	5.17	4.91	5.18	6.41	6.13	6.61
Wyoming	5.35	6.82	5.26	3.85	6.38	6.91	8.98	7.01
Total	**3.66**	**4.28**	**4.32**	**5.37**	**5.87**	**6.39**	**6.15**	**7.10**

R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				September	August	July	June	May
Alabama	10.61	12.09	8.71	14.37	14.52	14.40	12.98	13.39
Alaska	NA	4.30	3.55	4.56	4.94	5.17	NA	4.50
Arizona	12.54	10.34	9.35	16.03	16.37	16.04	14.59	13.73
Arkansas	NA	10.71	7.03	NA	NA	NA	NA	NA
California	6.87	11.81	7.44	7.26	7.15	7.20	7.16	7.29
Colorado	5.80	9.10	5.74	7.76	9.31	9.06	9.07	6.81
Connecticut	NA	13.12	11.10	14.52	12.46	15.04	NA	12.17
Delaware	11.38	10.85	8.04	15.71	15.95	14.97	13.64	12.31
District of Columbia	11.19	13.44	9.83	15.60	11.36	11.55	11.59	11.87
Florida	13.69	16.15	12.42	17.09	16.96	16.53	15.73	15.15
Georgia	8.08	10.60	7.19	12.38	12.73	12.38	11.99	11.73
Hawaii	23.99	22.32	21.45	24.67	26.27	24.92	23.67	23.59
Idaho	8.97	8.27	5.83	7.94	8.63	9.56	9.74	9.34
Illinois	5.97	10.61	6.38	9.52	10.07	10.27	10.00	7.89
Indiana	NA	NA	6.12	10.95	11.35	NA	NA	8.89
Iowa	6.71	10.01	7.07	12.51	13.51	13.02	10.49	7.52
Kansas	8.31	10.45	6.97	12.12	12.61	12.64	11.69	10.43
Kentucky	7.68	10.42	6.56	10.44	11.28	11.32	9.65	10.15
Louisiana	NA	NA	7.12	NA	NA	NA	NA	NA
Maine	NA	12.47	9.18	12.43	14.04	13.74	NA	10.51
Maryland	NA	12.47	9.36	13.49	NA	15.98	NA	12.12
Massachusetts	9.82	13.25	9.42	11.64	R12.05	10.96	9.76	9.05
Michigan	NA	5.51	5.15	8.85	9.20	NA	7.18	6.52
Minnesota	NA	9.88	6.29	7.85	NA	8.38	7.84	6.62
Mississippi	7.12	10.56	6.93	8.22	7.65	7.94	8.46	8.77
Missouri	7.87	10.85	7.14	12.47	13.46	12.69	10.71	8.89
Montana	5.46	7.29	5.89	6.06	6.84	6.35	5.85	5.16
Nebraska	5.97	9.00	5.84	9.48	9.83	9.54	8.49	7.11
Nevada	9.79	8.83	6.70	11.36	11.85	11.45	10.78	10.55
New Hampshire	9.88	12.52	9.34	12.08	13.24	11.54	10.30	10.15
New Jersey	NA	7.45	7.49	8.08	NA	8.02	7.67	6.72
New Mexico	6.59	10.13	6.03	9.56	9.78	9.65	9.07	7.77
New York	NA	12.07	9.86	NA	14.27	12.86	11.69	9.91
North Carolina	9.21	12.80	9.04	14.85	16.04	15.20	13.50	11.06
North Dakota	NA	8.93	5.66	6.43	NA	7.74	7.37	6.07
Ohio	7.18	10.59	6.88	10.32	10.87	8.77	7.86	6.81
Oklahoma	NA	9.73	6.89	11.03	10.84	NA	9.82	9.10
Oregon	10.84	9.31	7.75	12.77	13.14	12.29	11.55	10.61
Pennsylvania	NA	11.83	8.11	13.99	14.49	NA	11.90	10.26
Rhode Island	NA	12.01	9.22	15.00	15.71	14.57	12.72	11.74
South Carolina	9.82	12.81	8.62	11.87	11.70	11.27	10.75	10.40
South Dakota	6.73	9.80	6.72	9.32	10.26	10.81	9.45	7.29
Tennessee	7.75	10.87	6.86	10.47	10.92	10.72	9.77	9.39
Texas	6.85	9.96	6.87	10.76	10.84	10.53	10.32	11.03
Utah	6.40	8.60	6.22	7.48	7.53	7.22	7.10	6.52
Vermont	NA	9.83	7.82	14.04	14.29	NA	11.84	10.79
Virginia	9.91	12.79	9.86	15.67	12.92	16.41	16.98	12.87
Washington	NA	9.78	6.75	NA	NA	NA	NA	9.98
West Virginia	NA	7.44	7.48	11.63	12.85	11.93	11.91	8.98
Wisconsin	7.13	9.67	6.68	8.54	8.95	8.99	8.39	6.90
Wyoming	NA	9.20	5.52	7.43	10.14	NA	6.59	5.81
Total	**7.71**	**10.28**	**7.32**	**10.08**	**R10.28**	**9.99**	**9.42**	**8.41**

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002				2001			
	April	March	February	January	Total	December	November	October
Alabama	11.07	9.40	10.06	9.58	12.09	11.89	11.96	12.91
Alaska	4.33	4.31	4.27	4.39	4.23	4.10	4.05	4.27
Arizona	12.26	12.27	11.41	11.67	10.88	12.14	13.84	14.57
Arkansas	NA	NA	8.42	NA	10.09	8.37	8.79	8.57
California	6.84	5.99	6.67	7.11	10.29	6.00	5.80	5.97
Colorado	5.90	5.45	4.73	5.25	8.44	5.33	6.15	10.16
Connecticut	11.12	10.11	NA	10.88	12.60	10.99	11.38	11.31
Delaware	11.18	10.81	10.75	10.53	11.03	11.36	11.72	13.07
District of Columbia	12.76	10.88	10.23	10.78	13.10	11.51	11.36	12.52
Florida	13.81	12.28	11.75	12.16	15.89	13.87	14.79	16.05
Georgia	6.81	7.70	7.69	6.03	9.92	7.23	9.50	7.48
Hawaii	23.17	23.21	23.30	23.44	22.55	23.88	24.02	21.82
Idaho	9.16	8.96	8.79	8.88	8.50	8.98	9.17	9.62
Illinois	5.62	5.05	5.01	5.07	9.05	5.16	5.45	5.25
Indiana	7.67	6.37	6.58	6.90	NA	6.43	7.66	8.32
Iowa	6.43	5.90	5.71	5.60	8.88	4.24	6.91	6.17
Kansas	8.69	7.39	7.15	7.54	10.07	7.84	9.11	10.69
Kentucky	7.47	6.25	7.51	7.35	9.65	7.36	7.72	9.73
Louisiana	NA	NA	NA	6.75	NA	NA	NA	NA
Maine	11.69	11.55	11.42	10.75	12.15	9.80	12.73	12.73
Maryland	11.01	9.10	8.20	9.46	11.66	9.32	9.78	8.95
Massachusetts	9.62	9.72	9.46	9.88	R13.06	12.08	12.05	13.06
Michigan	6.14	6.11	6.07	5.78	5.59	5.74	5.77	6.14
Minnesota	6.80	5.87	5.75	5.98	8.80	5.82	6.92	5.52
Mississippi	7.83	6.37	7.04	6.66	10.05	8.17	7.89	7.93
Missouri	7.40	6.91	7.25	7.18	10.51	7.61	10.39	12.68
Montana	5.23	4.98	5.35	5.77	7.00	6.10	6.35	6.74
Nebraska	5.81	5.19	5.26	5.40	8.47	6.01	6.36	6.83
Nevada	9.64	9.20	9.07	9.53	8.96	8.15	11.09	11.40
New Hampshire	9.88	9.57	9.46	9.17	R12.68	12.93	13.94	12.79
New Jersey	6.71	6.95	6.91	7.35	7.69	8.14	8.45	9.29
New Mexico	5.23	4.45	8.13	5.51	8.25	4.26	4.81	5.63
New York	9.47	9.25	8.83	9.69	11.88	11.01	11.28	11.69
North Carolina	8.79	8.02	8.59	8.33	12.31	10.60	10.30	11.94
North Dakota	5.30	4.52	4.71	4.82	7.62	4.87	5.10	4.87
Ohio	6.73	6.47	7.00	7.17	9.95	7.33	7.49	9.30
Oklahoma	7.54	7.48	7.61	7.38	9.50	7.69	9.27	10.77
Oregon	10.73	10.61	10.55	10.49	9.68	10.56	10.82	11.18
Pennsylvania	8.87	8.50	8.67	8.37	11.47	9.47	10.38	12.06
Rhode Island	11.75	11.45	11.26	NA	12.17	12.25	13.35	13.68
South Carolina	10.01	9.26	9.93	9.43	12.35	10.66	9.84	11.86
South Dakota	6.67	6.17	6.03	6.00	8.58	4.64	6.57	5.84
Tennessee	7.70	7.27	7.62	7.04	10.33	7.83	9.14	9.47
Texas	6.34	5.18	6.69	5.55	9.19	6.09	7.96	7.90
Utah	6.68	6.06	6.17	6.18	8.08	7.03	7.48	6.82
Vermont	10.27	10.05	9.97	9.97	10.07	10.44	11.07	12.52
Virginia	11.17	8.49	7.97	8.86	12.35	9.94	10.50	13.40
Washington	9.78	9.71	9.60	9.62	9.77	9.59	9.72	10.22
West Virginia	8.47	8.08	7.99	NA	7.56	8.07	7.62	8.03
Wisconsin	7.64	6.68	6.59	6.97	8.76	6.54	7.45	5.01
Wyoming	5.41	5.22	5.64	5.35	8.45	5.33	7.24	8.66
Total	**7.55**	**6.95**	**7.19**	**7.23**	**9.63**	**7.32**	**7.97**	**8.22**

See footnotes at end of table.

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	September	August	July	June	May	April	March	February
Alabama	16.00	16.04	16.16	15.87	14.65	12.08	12.53	12.05
Alaska	4.51	4.74	4.91	4.63	4.36	4.16	4.18	4.17
Arizona	14.98	15.18	14.63	13.55	11.69	10.47	9.47	9.21
Arkansas	11.38	11.27	11.48	13.50	12.50	10.68	8.82	10.83
California	7.23	8.15	8.63	11.25	11.58	11.89	13.73	13.72
Colorado	13.04	13.57	12.64	11.39	10.05	9.52	9.03	8.60
Connecticut	14.52	13.93	14.95	13.97	12.28	13.10	12.21	13.51
Delaware	14.91	15.77	14.33	13.67	12.36	11.14	10.78	10.31
District of Columbia	13.69	11.24	11.58	11.55	14.96	13.62	13.11	13.64
Florida	17.30	17.46	17.51	17.57	18.95	18.02	19.04	15.60
Georgia	10.32	10.99	14.94	11.03	10.81	10.12	9.44	11.55
Hawaii	22.29	22.52	22.14	21.99	22.11	21.71	22.10	22.81
Idaho	10.05	10.29	9.85	9.39	8.93	8.76	8.53	7.96
Illinois	7.63	9.39	9.41	10.33	10.35	9.28	9.62	11.33
Indiana	NA	NA	NA	NA	NA	11.83	10.37	9.54
Iowa	10.35	11.55	10.85	11.16	10.43	9.34	8.48	9.76
Kansas	13.50	12.31	12.28	12.50	11.74	9.76	9.19	10.00
Kentucky	11.46	13.10	13.17	15.23	13.35	10.87	9.95	10.89
Louisiana	NA	10.85	9.67	10.27	10.62	8.71	10.33	11.70
Maine	13.62	16.90	17.96	17.07	10.45	15.54	11.39	11.75
Maryland	13.51	14.68	15.61	14.63	14.37	12.68	10.82	12.85
Massachusetts	15.30	16.03	14.99	14.09	14.29	R14.41	R13.82	12.84
Michigan	7.58	8.83	8.59	7.69	7.17	5.40	4.93	4.92
Minnesota	7.31	8.72	8.82	8.76	9.30	8.67	8.73	9.39
Mississippi	12.29	12.08	11.37	11.54	10.80	10.60	9.21	8.74
Missouri	14.93	15.88	15.24	14.17	12.87	11.19	10.76	10.93
Montana	8.55	8.83	8.81	8.10	7.67	7.40	7.40	6.99
Nebraska	8.92	9.66	9.17	8.97	9.20	8.08	8.25	10.31
Nevada	14.92	11.20	11.28	10.02	9.36	8.95	8.47	8.31
New Hampshire	14.65	15.93	16.39	14.83	R11.27	R11.79	13.02	12.07
New Jersey	9.22	9.25	8.60	8.40	8.13	7.76	7.35	6.96
New Mexico	8.18	9.94	8.96	10.88	12.47	13.43	13.44	9.34
New York	13.28	14.56	14.40	13.99	13.64	11.55	10.64	11.36
North Carolina	15.50	17.13	16.67	14.85	14.09	12.58	12.56	13.28
North Dakota	7.21	7.03	9.18	9.91	9.24	8.25	8.32	9.17
Ohio	10.59	10.18	13.49	12.36	11.90	10.89	10.87	11.02
Oklahoma	12.33	12.32	12.62	12.23	11.99	9.82	8.70	9.09
Oregon	11.17	11.21	10.79	10.18	9.49	9.25	9.09	8.94
Pennsylvania	15.70	16.83	16.40	15.22	14.10	12.44	11.76	10.92
Rhode Island	13.54	14.94	14.68	13.70	12.49	11.98	11.60	11.55
South Carolina	13.64	13.95	13.81	13.40	12.35	11.40	12.38	13.41
South Dakota	8.73	9.15	9.52	8.97	9.26	9.28	8.30	10.40
Tennessee	10.87	12.03	11.80	12.11	11.16	9.89	8.51	14.43
Texas	10.16	6.90	10.79	12.04	10.70	9.49	8.85	9.08
Utah	9.55	9.34	9.36	8.82	9.59	7.97	8.82	8.44
Vermont	14.38	14.14	12.58	11.56	10.39	9.46	9.26	9.23
Virginia	16.58	17.30	17.33	16.41	15.51	12.15	11.27	12.73
Washington	10.92	11.48	11.14	10.72	10.33	10.09	10.09	9.70
West Virginia	9.36	9.95	12.92	12.14	8.36	7.32	7.04	7.05
Wisconsin	6.44	9.17	7.72	8.60	9.61	9.58	8.73	9.05
Wyoming	10.66	11.12	12.25	10.03	11.79	6.15	13.00	8.91
Total	**10.12**	**10.75**	**11.08**	**11.49**	**R11.12**	**R10.15**	**R9.86**	**10.28**

R Revised Data.
NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				September	August	July	June	May
Alabama	8.99	10.59	7.19	9.56	9.57	9.55	9.22	9.45
Alaska	3.17	2.51	2.01	3.14	[R]3.14	[R]3.23	1.99	2.91
Arizona	8.60	7.93	6.51	8.09	8.09	7.99	8.03	8.16
Arkansas	NA	NA	4.75	NA	NA	NA	NA	NA
California	5.74	10.48	6.84	5.40	5.29	5.44	5.36	5.63
Colorado	4.83	8.08	4.98	5.07	5.49	5.56	5.68	4.97
Connecticut	NA	8.24	6.28	5.24	6.29	6.93	7.35	6.83
Delaware	9.71	9.50	6.66	10.50	10.73	10.83	10.67	9.77
District of Columbia	10.51	12.82	8.90	10.96	10.51	10.36	10.71	10.53
Florida	7.83	11.33	7.39	8.35	8.09	8.10	8.05	7.91
Georgia	6.07	9.42	6.23	7.21	7.00	7.67	7.66	7.51
Hawaii	17.65	17.52	17.00	18.38	17.83	18.41	18.39	17.24
Idaho	8.21	7.57	5.04	6.56	6.86	7.79	8.75	8.66
Illinois	5.87	9.86	5.95	7.74	8.21	8.61	8.91	7.36
Indiana	6.73	NA	5.38	7.89	8.03	9.38	8.91	7.95
Iowa	5.21	8.27	5.80	6.82	7.34	7.12	6.63	5.81
Kansas	7.15	9.54	6.10	7.67	7.50	8.46	8.84	8.09
Kentucky	7.07	NA	5.86	8.03	8.06	7.77	7.40	7.23
Louisiana	NA	NA	6.14	NA	NA	NA	NA	NA
Maine	NA	10.90	7.51	7.93	7.77	7.94	8.37	7.75
Maryland	NA	10.90	7.64	7.83	NA	10.45	NA	10.43
Massachusetts	8.32	12.12	8.11	6.72	7.59	7.58	7.96	7.53
Michigan	6.00	5.20	4.79	7.51	7.44	6.97	6.56	6.10
Minnesota	NA	8.57	5.16	5.38	NA	5.27	5.53	5.76
Mississippi	5.62	8.57	5.94	5.95	5.37	5.52	4.58	6.32
Missouri	6.97	10.17	6.16	8.11	8.46	8.46	7.58	6.97
Montana	5.46	6.75	5.71	5.64	5.86	5.86	5.67	5.27
Nebraska	4.80	7.83	4.78	4.81	4.64	4.84	5.01	5.11
Nevada	7.67	7.66	5.54	7.55	7.50	7.53	6.81	7.23
New Hampshire	NA	11.64	7.90	6.09	6.12	6.45	7.07	7.28
New Jersey	5.90	8.25	4.99	6.47	6.52	6.53	6.27	5.89
New Mexico	NA	7.27	4.55	NA	5.05	4.89	4.98	4.64
New York	NA	10.50	7.18	NA	8.06	8.04	7.87	7.81
North Carolina	7.00	10.59	7.04	7.66	7.83	7.84	8.10	6.53
North Dakota	NA	8.17	4.94	4.33	NA	4.56	5.02	4.42
Ohio	6.52	10.01	6.22	8.24	8.46	7.07	6.70	5.86
Oklahoma	NA	9.28	5.87	7.66	7.25	7.18	7.36	7.13
Oregon	9.12	7.67	6.45	9.32	9.28	9.04	9.17	8.82
Pennsylvania	8.37	11.15	7.33	9.65	9.76	9.70	9.27	8.78
Rhode Island	NA	10.63	7.99	11.57	10.55	10.90	11.04	9.83
South Carolina	7.70	10.62	7.14	7.47	7.37	7.20	7.55	7.35
South Dakota	5.11	8.39	5.21	5.63	5.91	5.95	6.10	5.60
Tennessee	7.02	9.86	6.13	7.26	7.37	8.31	7.09	7.27
Texas	5.23	8.15	5.16	5.60	5.44	5.53	5.35	5.86
Utah	5.19	7.09	4.64	5.45	5.15	4.92	4.92	4.86
Vermont	8.33	7.79	6.22	8.63	8.69	8.68	8.49	8.29
Virginia	6.91	10.11	6.65	7.99	7.62	7.91	8.38	7.57
Washington	NA	8.66	5.61	NA	NA	NA	NA	8.79
West Virginia	7.60	5.64	6.56	9.09	9.39	9.25	8.73	8.22
Wisconsin	5.85	8.55	5.44	5.94	5.86	6.09	6.11	5.41
Wyoming	4.99	9.04	4.59	4.92	5.59	4.91	5.06	4.87
Total	**6.59**	**9.07**	**6.03**	**6.77**	**6.91**	**6.96**	**6.90**	**6.76**

See footnotes at end of table.

Table 22

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002				2001			
	April	March	February	January	Total	December	November	October
Alabama	9.24	8.63	8.99	8.54	10.37	9.75	9.57	9.02
Alaska	3.34	3.40	3.32	3.42	2.63	2.95	2.83	2.83
Arizona	8.24	9.04	8.92	9.34	8.15	9.14	8.73	8.25
Arkansas	NA	NA	6.90	NA	NA	NA	NA	NA
California	6.07	5.50	5.84	6.53	9.00	5.16	5.00	4.50
Colorado	4.83	5.04	4.18	4.76	7.46	4.64	4.97	7.80
Connecticut	7.25	5.98	NA	7.41	8.17	8.01	8.24	7.32
Delaware	9.70	9.41	9.34	9.49	9.56	9.58	9.66	10.23
District of Columbia	11.61	10.36	10.07	10.39	12.40	10.88	10.68	10.08
Florida	7.73	7.34	7.63	7.77	10.61	7.68	7.68	8.07
Georgia	6.47	5.05	5.13	5.25	8.72	6.23	5.94	5.90
Hawaii	16.97	16.92	17.03	17.58	17.61	18.00	18.27	17.48
Idaho	8.59	8.30	8.18	8.29	7.84	8.33	8.55	9.88
Illinois	5.61	5.31	5.11	5.14	8.65	5.33	5.50	4.84
Indiana	7.27	5.80	5.87	6.41	NA	5.83	7.23	7.36
Iowa	5.21	4.98	4.69	4.72	NA	NA	5.20	4.19
Kansas	7.59	6.64	6.55	7.05	9.15	7.24	7.27	7.50
Kentucky	6.71	6.03	7.12	7.50	NA	7.17	7.43	8.99
Louisiana	NA	NA	6.15	6.58	NA	7.28	7.45	5.25
Maine	NA	10.36	10.81	10.08	NA	13.45	NA	5.53
Maryland	9.38	7.54	7.14	8.54	10.14	7.94	8.49	7.10
Massachusetts	8.28	8.29	8.78	9.15	11.73	9.62	9.90	11.21
Michigan	5.82	5.91	5.88	5.63	5.30	5.58	5.53	5.81
Minnesota	5.83	5.07	4.70	4.79	7.57	4.77	5.71	3.84
Mississippi	6.43	4.99	5.63	5.83	7.88	5.61	6.05	4.69
Missouri	6.69	6.45	6.84	6.94	9.68	6.26	9.16	10.09
Montana	5.33	5.06	5.44	5.82	6.64	6.25	6.34	6.58
Nebraska	4.91	4.62	4.65	4.89	7.19	5.07	4.74	4.03
Nevada	7.02	8.07	7.81	8.28	7.97	8.10	9.79	8.46
New Hampshire	NA	8.19	8.15	8.48	R11.06	8.84	8.64	9.86
New Jersey	5.79	6.41	5.72	5.44	7.73	6.06	5.54	6.27
New Mexico	3.65	3.47	4.12	4.94	6.28	3.80	3.80	3.91
New York	7.67	7.77	8.35	8.46	9.53	7.26	6.86	6.42
North Carolina	6.34	6.54	6.94	7.03	10.03	8.10	7.94	8.53
North Dakota	5.01	4.34	3.78	5.77	6.90	4.35	4.67	3.85
Ohio	5.80	5.88	6.65	6.91	9.32	6.90	6.59	7.80
Oklahoma	6.87	7.35	7.50	NA	8.94	7.13	7.87	7.84
Oregon	9.11	9.12	9.18	9.15	8.00	9.14	9.07	8.57
Pennsylvania	8.19	7.94	8.16	7.97	10.68	8.50	9.73	9.73
Rhode Island	10.40	10.14	10.10	NA	10.70	10.68	11.27	11.42
South Carolina	8.07	7.81	7.73	7.98	10.05	8.12	8.04	8.17
South Dakota	5.15	5.03	4.71	4.85	NA	NA	5.09	4.02
Tennessee	6.63	6.74	7.20	6.85	NA	7.31	NA	7.85
Texas	5.55	4.70	5.31	4.79	7.50	5.13	6.86	4.92
Utah	5.14	5.17	5.25	5.26	6.79	6.08	6.51	5.79
Vermont	8.29	8.23	8.30	8.23	7.95	8.35	8.61	8.65
Virginia	7.23	5.81	6.80	6.49	9.63	7.86	8.42	8.09
Washington	8.77	8.90	8.86	8.85	8.61	8.56	8.49	8.47
West Virginia	7.44	7.02	7.55	7.22	5.95	7.70	6.55	6.55
Wisconsin	6.49	5.70	5.52	5.99	7.60	5.44	6.17	3.62
Wyoming	4.90	4.92	5.30	4.93	8.31	4.92	6.68	8.11
Total	**6.62**	**6.29**	**6.51**	**6.55**	**8.45**	**6.45**	**6.91**	**6.38**

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	September	August	July	June	May	April	March	February
Alabama	11.03	11.25	11.31	11.40	11.22	10.68	10.90	11.06
Alaska	2.46	2.15	2.29	2.16	2.36	2.45	2.69	2.75
Arizona	8.23	8.29	8.23	8.02	8.11	7.53	7.57	8.40
Arkansas	NA	NA	NA	NA	8.31	NA	NA	NA
California	5.36	6.45	7.06	9.31	10.40	11.17	13.70	13.76
Colorado	9.32	9.32	9.13	9.04	9.00	8.75	8.21	7.94
Connecticut	6.53	7.00	6.87	5.36	6.09	7.78	8.41	9.78
Delaware	10.68	11.25	10.98	10.64	10.81	10.10	7.96	11.18
District of Columbia	10.10	10.47	10.97	11.12	12.32	12.82	12.55	13.98
Florida	8.84	9.02	9.32	9.71	12.19	12.78	14.06	12.98
Georgia	5.87	6.44	7.28	7.13	7.74	8.60	9.77	11.36
Hawaii	17.30	17.54	17.24	17.17	17.22	16.78	17.31	18.15
Idaho	8.49	8.48	8.29	8.25	8.21	8.17	7.81	7.35
Illinois	6.36	7.61	7.48	9.12	8.86	8.61	9.10	10.85
Indiana	NA	NA	NA	NA	NA	10.67	NA	NA
Iowa	6.21	6.80	7.32	7.59	8.47	7.68	7.57	8.69
Kansas	7.85	8.33	8.39	9.61	10.13	8.66	8.83	9.88
Kentucky	9.32	9.04	10.21	NA	11.23	9.58	9.70	10.26
Louisiana	NA	7.23	6.91	6.75	7.55	7.72	8.36	10.77
Maine	9.16	12.19	13.39	12.71	R12.51	R11.13	10.67	10.89
Maryland	7.96	8.78	9.12	10.69	11.14	11.05	10.03	12.43
Massachusetts	10.97	11.03	11.52	11.64	12.59	12.54	13.99	12.33
Michigan	6.36	6.94	7.23	6.79	6.60	5.08	4.85	4.80
Minnesota	4.56	5.32	5.62	6.06	7.43	7.74	7.77	9.43
Mississippi	5.39	5.70	5.78	6.98	8.19	8.80	7.92	8.32
Missouri	10.67	10.94	10.90	10.85	10.20	10.46	10.77	10.62
Montana	7.84	7.89	8.04	7.72	7.87	7.52	9.50	5.01
Nebraska	4.74	5.26	5.22	6.13	6.92	7.22	7.79	9.86
Nevada	9.01	8.77	8.09	7.91	7.81	7.79	7.62	7.65
New Hampshire	11.66	12.43	12.87	12.03	R10.78	11.34	12.22	11.73
New Jersey	6.46	6.72	6.06	6.42	7.05	7.05	7.18	9.70
New Mexico	3.86	5.18	5.55	4.54	7.70	9.45	8.87	7.85
New York	7.06	7.57	8.12	9.18	10.37	10.29	10.77	11.92
North Carolina	8.70	9.35	9.70	9.88	9.88	10.30	11.48	11.71
North Dakota	5.11	5.45	6.36	7.51	7.49	7.38	7.27	8.59
Ohio	8.32	8.42	11.71	11.04	11.26	10.58	10.44	10.74
Oklahoma	8.47	8.10	9.26	9.78	9.13	8.84	9.13	9.65
Oregon	8.04	8.04	7.96	7.69	7.51	7.70	7.69	7.59
Pennsylvania	11.55	11.83	12.05	11.44	12.25	12.07	11.08	10.76
Rhode Island	11.26	11.77	12.25	11.78	10.82	10.44	10.36	10.42
South Carolina	8.67	8.72	8.72	9.04	9.65	10.11	10.64	12.03
South Dakota	5.34	5.39	6.19	6.90	7.20	7.66	7.20	9.25
Tennessee	8.05	9.02	8.43	9.22	9.04	8.80	8.88	12.47
Texas	4.31	4.32	6.62	7.30	9.60	7.39	8.35	9.51
Utah	6.93	7.13	7.05	6.90	6.87	6.54	7.28	7.23
Vermont	8.85	8.69	7.04	7.99	7.73	7.76	7.69	7.70
Virginia	8.77	9.25	10.05	9.95	9.47	9.37	9.34	10.99
Washington	8.74	9.23	9.17	9.18	9.04	9.04	9.05	8.72
West Virginia	6.64	6.75	7.14	6.71	6.58	6.38	6.31	6.60
Wisconsin	4.57	6.40	5.56	6.34	8.21	8.31	7.87	8.30
Wyoming	8.85	8.98	9.55	8.67	11.04	11.72	10.00	8.00
Total	**6.92**	**7.31**	**7.92**	**8.54**	**R9.22**	**R9.00**	**9.14**	**9.80**

R Revised Data.
NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				September	August	July	June	May
Alabama	4.18	6.75	4.22	3.95	3.68	3.87	3.93	4.63
Alaska	NA	1.61	1.43	1.57	1.56	1.58	NA	1.62
Arizona	5.17	5.85	4.19	4.78	4.67	4.92	4.57	4.95
Arkansas	4.84	6.83	5.11	4.66	4.50	5.03	5.01	5.05
California	4.82	8.92	4.71	4.57	4.38	4.64	4.55	4.95
Colorado	NA	4.24	3.32	2.32	2.67	2.48	2.59	2.88
Connecticut	4.77	7.19	5.31	4.97	4.16	4.12	4.85	4.86
Delaware	NA	7.14	4.82	6.68	6.47	6.29	NA	5.47
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.52	7.50	5.46	4.86	4.75	4.82	5.12	4.84
Georgia	4.90	6.84	4.47	5.37	5.32	4.85	5.42	7.25
Hawaii	10.04	11.19	9.68	10.65	10.43	10.22	10.63	9.97
Idaho	NA	6.18	3.69	5.28	NA	NA	7.48	7.78
Illinois	4.82	5.98	4.78	4.79	4.70	4.97	5.98	5.91
Indiana	6.00	NA	4.72	4.42	5.04	5.47	6.17	7.63
Iowa	NA	NA	4.63	4.75	NA	5.01	5.17	5.17
Kansas	3.97	5.14	3.85	3.93	3.78	3.83	3.88	3.99
Kentucky	4.36	6.89	4.16	4.21	3.95	4.10	4.22	4.46
Louisiana	NA	5.65	3.50	NA	R3.41	R3.78	R3.78	R3.79
Maine	4.46	8.72	3.87	4.57	4.40	4.39	4.41	4.93
Maryland	NA	9.66	7.45	6.44	NA	9.00	NA	6.57
Massachusetts	9.65	10.67	6.86	6.36	8.76	R6.51	10.43	11.38
Michigan	NA	4.56	3.76	5.20	5.39	NA	5.09	4.93
Minnesota	NA	5.84	3.85	4.02	NA	NA	4.88	3.96
Mississippi	4.13	6.21	4.12	4.18	4.11	4.19	4.25	4.28
Missouri	5.64	8.68	4.87	6.02	6.08	6.29	5.92	5.94
Montana	3.92	5.40	6.94	4.67	5.14	4.57	3.74	3.41
Nebraska	3.95	6.29	4.29	3.98	3.82	4.04	3.64	4.33
Nevada	7.52	NA	4.62	8.98	8.92	9.01	6.63	7.03
New Hampshire	NA	9.98	5.57	6.30	6.63	6.81	5.53	7.81
New Jersey	NA	6.33	4.55	4.19	NA	4.42	4.69	4.58
New Mexico	3.96	6.35	4.12	3.80	3.79	3.77	3.96	3.89
New York	5.76	8.38	5.39	5.28	5.23	5.37	5.20	5.59
North Carolina	4.30	7.18	4.86	3.80	5.30	4.73	4.67	3.85
North Dakota	NA	6.14	3.56	3.79	NA	3.83	3.92	5.30
Ohio	NA	9.24	4.65	5.98	5.65	NA	5.56	5.34
Oklahoma	6.67	8.08	4.85	5.39	4.85	7.07	6.39	6.04
Oregon	7.24	5.79	4.63	7.32	7.18	6.74	7.06	7.23
Pennsylvania	6.83	7.77	4.72	5.91	6.07	6.10	5.95	6.24
Rhode Island	5.55	6.86	4.74	4.59	4.41	4.91	4.67	6.88
South Carolina	4.30	6.09	4.54	4.72	4.62	4.54	4.50	4.59
South Dakota	4.17	6.71	3.66	3.88	4.49	4.52	4.53	4.41
Tennessee	5.06	7.09	4.79	5.05	4.34	4.57	4.88	5.27
Texas	NA	4.99	3.50	3.47	NA	3.46	3.48	3.57
Utah	NA	5.46	3.50	2.59	2.79	NA	4.05	4.34
Vermont	4.29	5.44	2.80	4.22	4.04	4.19	4.23	4.41
Virginia	4.27	7.37	4.83	2.97	3.52	3.88	4.40	4.10
Washington	NA	5.30	3.61	NA	NA	NA	NA	4.34
West Virginia	NA	5.34	4.22	4.33	NA	4.73	5.13	4.56
Wisconsin	5.21	7.45	4.63	4.49	5.64	5.19	5.95	4.82
Wyoming	NA	7.42	3.76	4.20	NA	4.21	4.69	4.60
Total	**3.81**	**5.71**	**3.96**	**3.82**	**R3.70**	**R3.79**	**R3.89**	**R4.03**

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002				2001			
	April	March	February	January	Total	December	November	October
Alabama	4.24	4.13	4.44	4.62	6.19	4.49	4.72	4.20
Alaska	1.64	1.66	1.68	2.18	1.66	1.86	1.79	1.82
Arizona	5.51	5.29	5.63	5.75	5.78	5.92	5.70	4.96
Arkansas	4.28	4.63	5.00	5.17	6.56	5.91	6.00	5.52
California	5.60	4.38	4.65	5.67	7.74	4.38	3.98	3.85
Colorado	3.76	3.08	2.96	NA	3.86	2.82	3.01	2.37
Connecticut	4.15	4.94	5.16	5.18	6.60	5.69	4.91	4.50
Delaware	6.16	6.11	6.02	6.58	6.87	6.13	5.70	6.21
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.29	4.97	3.46	4.44	6.93	4.13	4.40	5.53
Georgia	5.01	3.81	3.59	3.83	6.10	3.49	4.40	3.09
Hawaii	9.66	9.85	10.48	8.59	11.11	10.56	10.76	11.18
Idaho	7.75	8.07	7.65	7.64	6.58	8.96	7.33	7.26
Illinois	4.82	4.40	4.66	4.21	5.55	4.36	3.56	3.70
Indiana	7.18	4.60	6.20	7.62	NA	3.52	7.38	4.05
Iowa	4.27	4.73	4.31	4.29	NA	NA	4.22	3.83
Kansas	4.00	4.02	4.86	5.22	4.83	3.89	3.02	3.18
Kentucky	4.54	4.11	4.65	4.83	6.40	4.73	5.05	4.74
Louisiana	R3.69	R3.62	R3.26	R3.77	R5.03	R3.58	R3.84	R3.53
Maine	4.43	3.73	—	7.25	R8.00	4.60	4.42	5.75
Maryland	7.90	6.21	7.63	NA	9.12	6.98	7.44	6.26
Massachusetts	R11.50	R12.41	8.52	8.29	NA	NA	8.11	6.99
Michigan	4.81	4.97	5.01	4.93	4.66	5.00	5.05	5.02
Minnesota	4.54	3.50	3.57	3.85	5.22	4.18	4.05	2.51
Mississippi	4.52	3.83	3.72	4.20	NA	3.74	NA	3.82
Missouri	5.89	5.00	5.29	5.97	7.23	2.64	7.32	7.58
Montana	3.58	3.72	3.90	4.30	5.30	4.80	4.96	5.94
Nebraska	4.36	3.90	3.57	4.05	5.74	4.02	4.08	3.31
Nevada	6.73	7.85	6.91	7.71	NA	1.96	9.37	9.11
New Hampshire	NA	NA	NA	6.06	R7.78	4.60	4.93	3.71
New Jersey	3.50	3.35	3.90	3.35	R5.68	4.45	3.41	3.57
New Mexico	3.43	3.94	4.74	4.87	5.82	2.52	2.81	2.96
New York	5.75	6.25	6.41	6.26	7.80	6.61	5.25	5.04
North Carolina	2.59	4.06	5.44	4.77	NA	4.14	4.38	NA
North Dakota	4.49	6.24	2.22	1.17	5.28	3.37	4.05	2.51
Ohio	6.14	5.97	6.18	6.63	8.68	6.81	6.53	7.53
Oklahoma	7.61	7.04	7.06	6.88	7.86	6.79	6.61	7.33
Oregon	7.15	7.29	7.38	7.40	6.10	7.26	7.26	6.63
Pennsylvania	7.07	7.50	7.44	7.57	7.47	6.74	7.26	4.97
Rhode Island	5.75	5.87	6.70	6.85	6.54	6.46	5.63	4.84
South Carolina	4.45	3.79	3.46	4.11	5.46	3.96	4.54	3.35
South Dakota	4.06	4.08	4.10	4.14	6.08	4.05	4.06	4.26
Tennessee	5.17	5.31	5.12	5.36	R6.63	R4.85	R6.57	R4.52
Texas	2.95	2.80	2.39	2.84	4.45	2.73	3.20	2.34
Utah	4.63	4.59	4.74	4.96	5.28	4.91	5.05	4.26
Vermont	4.08	4.36	4.40	4.46	5.09	4.23	4.30	4.41
Virginia	4.79	4.98	4.79	4.82	NA	5.27	NA	NA
Washington	4.98	4.88	NA	4.81	NA	4.43	4.97	NA
West Virginia	4.79	3.86	3.78	NA	3.80	2.85	2.84	2.78
Wisconsin	5.63	4.99	4.99	5.52	6.75	5.21	5.53	3.30
Wyoming	4.73	4.71	4.75	4.78	7.08	5.48	5.09	7.76
Total	**R3.62**	**R3.80**	**R3.67**	**R3.97**	**R5.19**	**R3.65**	**R3.94**	**R3.27**

See footnotes at end of table.

Table 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	September	August	July	June	May	April	March	February
Alabama	4.48	5.15	5.42	5.62	6.67	7.16	6.75	8.73
Alaska	1.76	1.75	1.74	1.49	1.52	1.51	1.55	1.55
Arizona	5.09	5.73	4.60	5.58	5.78	5.93	5.97	6.74
Arkansas	5.73	5.72	6.16	5.90	6.57	5.55	7.17	7.67
California	4.50	5.52	6.07	8.32	8.86	11.74	11.68	11.11
Colorado	3.54	3.92	3.95	4.12	3.50	4.02	3.98	4.91
Connecticut	5.05	4.48	3.03	6.10	7.02	8.05	8.18	11.55
Delaware	6.31	6.56	6.67	6.91	8.22	7.38	11.56	4.62
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.89	5.85	6.79	6.41	8.02	8.40	8.16	7.85
Georgia	3.94	4.35	4.70	5.31	6.06	6.27	7.80	9.75
Hawaii	10.62	10.89	11.07	11.17	11.23	11.08	11.04	11.84
Idaho	8.17	6.90	6.66	6.37	6.59	6.89	6.35	5.56
Illinois	4.35	4.79	2.03	3.90	2.71	5.17	7.02	9.57
Indiana	NA	8.79	NA	8.72	9.74	9.41	12.41	8.09
Iowa	5.09	5.39	NA	8.02	6.30	7.87	9.41	8.36
Kansas	4.12	4.49	4.77	5.15	6.04	7.03	7.49	10.27
Kentucky	4.25	5.06	5.53	5.85	6.26	7.23	7.76	8.16
Louisiana	R4.11	R4.17	R4.48	R5.17	R5.42	R5.76	R5.80	R6.96
Maine	8.25	6.65	8.06	7.98	R9.13	R9.95	R9.83	R9.56
Maryland	6.69	7.07	7.38	9.40	9.60	10.06	10.79	15.14
Massachusetts	9.95	9.47	8.94	9.06	10.33	12.69	13.84	9.71
Michigan	5.05	5.11	5.19	5.63	5.62	4.30	4.36	4.30
Minnesota	3.71	3.74	3.81	4.32	5.57	6.24	6.02	6.78
Mississippi	3.97	4.36	4.81	4.58	6.05	6.08	6.44	6.95
Missouri	7.48	8.01	7.94	8.37	8.57	9.09	9.76	10.22
Montana	6.72	6.72	6.22	6.05	5.08	4.91	5.01	6.10
Nebraska	3.84	4.41	4.28	4.76	5.36	6.77	7.16	8.59
Nevada	NA	NA	6.93	7.41	7.39	6.86	7.32	7.27
New Hampshire	4.59	5.80	8.22	9.55	R9.40	10.92	12.66	11.42
New Jersey	3.95	3.85	5.39	5.70	6.34	6.55	7.24	R11.99
New Mexico	3.31	4.52	4.27	4.23	6.52	8.04	6.95	7.37
New York	6.70	4.73	5.10	7.45	8.36	8.11	9.21	11.05
North Carolina	5.82	5.24	5.48	5.25	5.87	6.80	6.40	12.01
North Dakota	3.11	3.82	3.68	4.50	5.47	5.83	5.81	7.08
Ohio	8.90	6.94	7.92	11.26	7.57	10.19	10.29	11.06
Oklahoma	6.59	6.82	9.11	8.18	7.97	7.90	7.89	7.90
Oregon	5.72	5.59	5.53	5.59	5.79	5.80	5.86	5.93
Pennsylvania	6.14	5.81	6.23	6.89	7.40	8.59	9.19	7.43
Rhode Island	5.74	5.89	5.22	5.70	7.11	7.24	7.40	7.99
South Carolina	3.86	4.33	4.50	5.11	6.30	6.61	6.64	7.97
South Dakota	5.01	5.09	5.13	5.62	5.89	5.66	6.42	8.75
Tennessee	R5.15	R4.83	R5.18	R7.88	R6.49	R6.71	R7.24	R9.85
Texas	2.65	3.44	3.43	3.88	4.81	5.38	5.26	6.31
Utah	4.93	4.99	4.89	4.42	5.14	5.52	5.88	6.18
Vermont	4.36	4.39	4.71	4.87	5.03	4.71	5.44	6.38
Virginia	5.51	4.10	5.01	4.89	5.61	6.14	8.56	9.60
Washington	4.00	3.49	4.72	6.58	5.25	5.73	3.76	6.71
West Virginia	3.54	3.70	3.87	4.35	5.76	6.36	5.41	6.69
Wisconsin	4.04	4.59	4.55	6.09	6.87	7.75	7.04	7.61
Wyoming	7.82	8.01	8.06	7.52	7.92	7.65	7.39	6.77
Total	**R3.55**	**R3.99**	**R4.10**	**R4.70**	**R5.33**	**R6.04**	**R6.24**	**R7.35**

R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				August	July	June	May	April
Alabama	3.22	5.10	4.38	3.42	[R]3.43	[R]3.32	3.82	3.75
Alaska	2.42	2.26	1.69	2.12	[R]2.12	[R]2.40	2.38	2.46
Arizona	3.11	5.16	4.11	2.95	[R]3.07	[R]3.01	3.23	3.29
Arkansas	3.47	4.95	3.87	3.24	[R]3.42	[R]3.60	4.16	3.69
California	4.23	10.08	4.19	4.04	[R]3.66	[R]3.64	3.80	4.09
Colorado	2.50	4.38	3.49	2.21	[R]1.83	[R]2.02	2.68	3.03
Connecticut	NA	—	—	—	NA	NA	—	—
Delaware	3.48	4.73	4.82	4.03	[R]3.21	[R]3.43	4.12	3.86
District of Columbia	NA	—	—	—	NA	NA	—	—
Florida	3.93	5.74	4.08	3.93	[R]4.00	[R]4.11	4.30	4.27
Georgia	3.37	3.92	4.11	3.58	[R]3.25	[R]2.98	2.81	3.86
Hawaii	NA	—	—	—	NA	NA	—	—
Idaho	NA	—	—	—	NA	NA	—	—
Illinois	3.33	4.69	4.18	3.18	[R]3.19	[R]3.57	5.71	4.34
Indiana	3.71	5.61	4.19	4.49	[R]4.16	[R]2.61	6.35	3.25
Iowa	3.65	4.80	4.13	3.28	[R]3.73	[R]3.89	4.20	4.34
Kansas	3.04	3.94	3.81	2.97	[R]3.04	[R]3.24	3.39	3.45
Kentucky	3.94	4.82	5.32	3.67	[R]3.70	[R]3.82	4.05	5.70
Louisiana	3.40	4.95	3.88	3.36	[R]3.54	[R]3.66	3.84	3.77
Maine	NA	—	—	—	NA	NA	—	—
Maryland	NA	—	4.50	—	NA	NA	—	—
Massachusetts	3.72	4.36	4.22	3.65	[R]3.70	[R]4.04	4.04	4.02
Michigan	2.71	3.74	2.82	2.73	[R]2.90	[R]2.63	2.02	3.38
Minnesota	3.49	4.87	4.15	3.91	[R]3.28	[R]3.53	3.66	3.96
Mississippi	3.18	4.55	3.60	3.32	[R]3.36	[R]3.55	3.74	3.60
Missouri	3.28	5.11	4.13	3.20	[R]3.25	[R]3.26	3.68	3.72
Montana	5.15	7.27	4.83	4.64	[R]6.09	[R]4.72	4.90	4.98
Nebraska	3.57	4.78	4.31	3.80	[R]3.12	[R]3.93	4.47	3.65
Nevada	5.88	8.37	3.70	4.50	[R]4.93	[R]5.09	5.25	6.13
New Hampshire	3.54	3.54	3.27	3.58	[R]3.38	[R]3.39	3.81	3.97
New Jersey	NA	—	4.38	—	NA	NA	—	—
New Mexico	3.10	4.73	3.49	3.05	[R]3.13	[R]3.04	3.15	3.13
New York	3.66	5.13	4.22	3.79	[R]3.85	[R]3.88	3.94	3.86
North Carolina	4.24	4.90	4.33	4.30	[R]4.29	[R]4.32	3.80	3.79
North Dakota	NA	6.31	—	—	[R]2.19	NA	—	—
Ohio	4.86	8.40	4.50	4.33	[R]4.66	[R]4.95	5.15	6.36
Oklahoma	3.40	4.96	3.98	3.34	[R]3.42	[R]3.50	3.80	3.81
Oregon	3.07	3.95	2.57	2.35	[R]2.38	[R]2.94	3.15	2.95
Pennsylvania	NA	7.85	3.51	—	NA	NA	—	—
Rhode Island	NA	—	—	—	NA	NA	—	—
South Carolina	5.10	6.27	5.54	5.38	[R]5.37	[R]5.28	—	4.29
South Dakota	NA	—	—	—	NA	NA	—	—
Tennessee	NA	—	—	—	NA	NA	—	—
Texas	3.26	4.77	3.68	3.17	[R]3.40	[R]3.45	3.58	3.54
Utah	5.64	4.73	3.43	3.69	[R]4.33	[R]5.13	—	3.54
Vermont	NA	4.90	4.31	—	NA	NA	—	—
Virginia	5.35	4.97	4.31	3.91	[R]3.94	[R]4.35	5.58	5.55
Washington	NA	—	—	—	NA	NA	—	—
West Virginia	4.22	6.47	4.43	4.18	[R]3.39	[R]6.52	4.46	3.90
Wisconsin	3.62	5.13	4.03	3.42	[R]3.57	[R]3.90	3.92	3.98
Wyoming	NA	4.08	4.02	2.89	[R]2.85	NA	—	3.91
Total	**3.54**	**5.10**	**3.76**	**3.49**	**[R]3.56**	**[R]3.66**	**3.73**	**3.85**

See footnotes at end of table.

Table 24

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002			2001				
	March	February	January	Total	December	November	October	September
Alabama	3.07	2.44	2.66	4.50	2.57	4.96	2.56	3.88
Alaska	2.77	2.57	2.57	2.37	2.60	2.59	2.66	2.45
Arizona	3.45	2.66	3.33	4.71	2.93	3.13	2.67	2.88
Arkansas	3.82	2.66	2.64	4.47	2.70	3.60	2.44	2.67
California	4.42	4.58	5.93	8.59	5.64	3.43	4.03	5.01
Colorado	3.01	2.67	2.95	3.86	2.73	3.42	2.36	2.87
Connecticut	—	—	—	—	—	—	—	—
Delaware	3.86	3.05	3.30	4.46	3.12	—	3.74	—
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.64	3.29	3.48	4.79	3.15	3.83	2.80	3.68
Georgia	3.66	2.70	8.67	3.61	3.52	—	2.55	2.45
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.19	3.14	3.23	4.01	3.04	2.14	2.85	4.35
Indiana	3.25	3.07	3.36	5.26	4.07	3.95	4.04	3.78
Iowa	3.18	2.91	3.44	4.48	3.66	3.82	2.69	3.13
Kansas	2.94	2.27	2.26	3.64	2.63	2.56	2.35	2.37
Kentucky	4.61	3.97	3.55	4.40	3.65	4.50	2.83	2.85
Louisiana	3.18	2.49	2.76	4.30	2.78	3.15	2.26	2.44
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.89	3.26	3.23	3.71	3.30	3.20	2.82	2.81
Michigan	2.10	2.64	3.08	3.36	2.82	2.37	2.80	2.60
Minnesota	2.55	4.16	3.94	4.67	3.48	2.99	3.50	3.86
Mississippi	2.83	2.36	2.62	3.69	2.48	2.67	2.13	2.64
Missouri	3.24	3.04	3.19	4.67	3.01	3.02	2.90	4.62
Montana	4.82	4.68	4.89	7.20	4.85	5.07	5.44	5.34
Nebraska	4.57	2.22	3.12	4.52	3.66	4.34	2.53	3.78
Nevada	7.28	8.09	7.83	8.36	5.79	3.72	10.64	13.58
New Hampshire	—	—	—	2.56	—	—	2.55	2.47
New Jersey	—	—	—	3.21	3.58	3.03	3.03	—
New Mexico	3.47	2.91	2.68	4.21	2.56	2.99	2.31	2.80
New York	3.26	2.83	3.38	4.24	3.12	3.54	2.75	2.88
North Carolina	4.84	4.47	4.88	4.76	4.70	5.40	3.58	3.80
North Dakota	2.68	2.88	—	5.93	—	—	—	4.49
Ohio	5.78	3.98	5.95	8.33	5.77	4.37	6.30	9.74
Oklahoma	3.17	2.90	3.15	4.40	3.16	3.53	3.03	2.73
Oregon	3.30	2.96	3.36	3.80	3.85	3.62	3.23	3.20
Pennsylvania	—	—	—	7.85	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	4.48	6.12	4.13	4.87	5.73	5.85	2.34	5.68
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	3.05	2.66	2.74	4.26	2.84	3.07	2.53	2.70
Utah	6.10	9.98	11.71	4.97	—	10.12	6.67	3.96
Vermont	3.13	2.73	3.54	4.90	—	—	—	—
Virginia	7.43	11.52	8.92	4.39	3.52	—	—	3.06
Washington	—	—	—	—	—	—	—	—
West Virginia	3.44	2.98	4.66	5.96	2.97	4.07	5.44	4.07
Wisconsin	3.41	3.30	3.27	4.72	3.65	3.62	2.81	3.33
Wyoming	4.43	5.09	7.21	4.04	—	—	3.61	—
Total	**3.40**	**3.10**	**3.39**	**4.51**	**3.11**	**3.31**	**2.79**	**3.15**

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	August	July	June	May	April	March	February	January
Alabama	3.37	3.55	5.21	5.08	5.88	6.26	6.05	9.75
Alaska	2.46	2.44	2.32	2.27	2.32	2.13	2.13	2.12
Arizona	3.64	3.55	3.94	4.46	5.35	5.69	6.76	9.53
Arkansas	3.24	3.53	4.16	5.24	6.68	5.49	6.31	8.88
California	5.98	8.55	8.26	10.64	10.04	10.33	14.57	12.35
Colorado	2.82	2.78	3.36	4.13	5.06	5.26	6.13	7.11
Connecticut	—	—	—	—	—	—	—	—
Delaware	4.00	4.16	4.76	—	7.55	6.94	7.43	10.46
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.38	4.53	4.81	5.93	6.35	5.59	8.91	10.87
Georgia	3.26	3.13	3.82	5.21	5.93	8.07	6.90	7.23
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.76	4.81	5.23	4.44	6.18	5.57	6.44	9.49
Indiana	4.07	4.56	4.67	5.85	6.05	6.80	7.98	7.71
Iowa	3.57	3.97	4.81	6.49	6.35	6.23	7.11	5.31
Kansas	3.23	3.26	3.89	4.51	5.33	5.78	6.06	9.10
Kentucky	3.75	3.80	4.45	8.53	—	7.18	8.24	10.32
Louisiana	3.22	3.40	4.06	5.03	5.82	5.65	6.88	10.07
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.57	3.43	4.41	5.04	7.08	7.14	7.46	13.46
Michigan	3.13	3.83	4.52	5.08	5.03	5.32	5.11	1.33
Minnesota	4.15	4.19	4.80	4.66	5.74	5.31	7.83	11.79
Mississippi	3.54	3.59	4.07	4.77	5.52	5.37	6.38	10.26
Missouri	5.01	4.80	4.68	4.37	5.82	4.89	6.09	12.36
Montana	6.26	7.66	7.94	7.66	7.25	8.32	9.73	10.88
Nebraska	3.82	3.83	3.55	3.78	6.88	5.80	9.75	23.69
Nevada	9.42	9.88	7.06	7.04	6.24	7.60	9.05	10.52
New Hampshire	3.54	—	—	—	—	—	—	—
New Jersey	—	—	—	—	—	—	—	—
New Mexico	3.21	3.40	3.92	4.94	5.45	6.07	6.06	7.87
New York	3.72	3.54	4.43	5.31	6.12	6.32	8.12	17.03
North Carolina	4.63	4.69	5.34	6.06	7.81	—	—	—
North Dakota	—	—	—	6.28	—	6.52	—	—
Ohio	6.51	8.52	9.49	9.45	9.22	9.50	9.51	7.47
Oklahoma	3.49	3.59	4.14	5.41	6.07	6.42	6.23	10.20
Oregon	3.25	3.32	3.59	3.72	4.12	4.32	4.16	5.41
Pennsylvania	—	—	—	—	—	5.53	7.29	11.04
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	5.84	6.63	6.28	5.84	6.49	6.89	7.24	10.98
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	3.46	3.49	4.04	4.79	5.48	5.38	6.09	9.01
Utah	3.64	3.69	4.11	3.93	4.32	4.78	6.30	6.92
Vermont	—	—	4.67	4.63	5.84	5.84	7.69	—
Virginia	4.05	4.15	5.00	7.54	10.08	22.19	34.18	4.00
Washington	—	—	—	—	—	—	—	—
West Virginia	4.25	4.81	7.87	9.37	6.80	8.45	10.14	8.10
Wisconsin	4.08	3.66	4.65	5.66	6.07	5.88	6.57	8.65
Wyoming	3.03	3.48	2.66	3.71	4.06	5.06	4.91	5.00
Total	**3.73**	**3.84**	**4.35**	**5.15**	**5.70**	**5.69**	**6.85**	**9.47**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

[R] Revised Data.

[NA] Not Available.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002

State	YTD 2002		YTD 2001		YTD 2000		2002 September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	NA	17.1	79.6	14.6	82.1	21.6	71.3	15.6
Alaska	NA	NA	67.4	89.8	59.2	99.8	58.3	87.3
Arizona	92.0	NA	92.4	53.3	83.3	37.1	89.0	40.6
Arkansas	NA	NA	NA	7.0	88.2	7.4	NA	2.7
California	66.8	3.5	62.0	3.0	56.3	5.2	66.6	4.5
Colorado	NA	NA	99.9	11.2	98.3	12.3	99.7	0.9
Connecticut	NA	NA	76.2	54.6	78.4	44.0	73.7	52.8
Delaware	NA	NA	98.6	17.2	98.2	7.9	97.8	5.4
District of Columbia	21.6	—	26.4	—	37.7	—	17.4	—
Florida	40.6	1.2	53.2	2.4	68.2	4.5	35.2	1.5
Georgia	9.6	5.2	12.0	6.0	20.0	18.8	10.8	5.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	77.7	NA	86.7	2.2	87.2	2.7	78.9	1.3
Illinois	38.0	NA	40.6	11.8	41.5	7.9	29.2	6.2
Indiana	NA	5.8	NA	NA	76.7	8.4	64.1	5.9
Iowa	77.3	NA	82.7	NA	80.2	6.1	51.8	4.8
Kansas	59.3	NA	62.9	8.4	60.0	11.9	50.5	6.7
Kentucky	74.1	15.7	81.5	16.2	85.9	19.0	68.7	14.4
Louisiana	NA	NA	NA	8.0	96.7	11.2	NA	NA
Maine	NA	NA	100.0	32.6	100.0	54.2	25.2	100.0
Maryland	NA	NA	34.1	7.6	36.6	5.2	19.5	5.8
Massachusetts	46.4	14.1	59.3	15.3	62.7	13.3	38.1	26.8
Michigan	64.4	NA	63.1	9.0	57.0	7.3	42.7	4.2
Minnesota	NA	NA	98.6	40.6	96.9	38.3	77.0	32.7
Mississippi	NA	25.7	93.8	26.2	95.6	26.4	93.7	23.9
Missouri	77.1	15.0	82.2	14.0	81.1	17.5	68.3	9.7
Montana	73.9	2.1	76.3	2.2	70.9	1.8	67.1	0.8
Nebraska	59.4	12.7	62.1	17.0	61.0	12.7	59.2	7.4
Nevada	82.0	5.0	68.5	5.0	52.4	4.7	65.9	20.7
New Hampshire	NA	NA	86.3	26.7	88.4	36.6	NA	36.8
New Jersey	45.7	NA	59.8	45.2	56.6	45.8	23.1	17.3
New Mexico	65.5	NA	63.3	18.3	56.4	18.1	47.4	14.4
New York	NA	NA	43.0	2.6	35.9	3.4	NA	8.9
North Carolina	90.0	36.6	95.2	30.8	97.1	54.6	86.2	44.5
North Dakota	NA	NA	89.6	8.7	88.0	15.2	86.8	9.9
Ohio	34.8	NA	41.2	3.4	44.8	5.1	28.6	1.9
Oklahoma	NA	3.2	70.8	3.5	70.6	3.8	51.2	2.3
Oregon	95.1	12.1	99.2	15.7	98.8	12.2	97.6	10.5
Pennsylvania	54.9	5.0	64.0	9.1	59.3	11.1	46.0	5.9
Rhode Island	NA	2.8	60.5	3.1	54.6	6.1	55.0	65.6
South Carolina	98.1	82.9	97.1	80.4	98.9	86.9	99.5	86.2
South Dakota	NA	NA	84.2	42.1	81.4	27.2	69.8	52.4
Tennessee	NA	NA	92.5	24.6	92.3	38.2	75.2	20.5
Texas	83.7	NA	79.3	30.8	76.9	29.2	73.3	42.0
Utah	83.3	NA	84.7	10.3	83.0	10.0	76.8	13.6
Vermont	100.0	75.3	100.0	75.7	100.0	83.3	100.0	68.9
Virginia	60.1	10.8	69.3	8.5	64.2	13.6	50.1	13.3
Washington	NA	NA	93.3	19.8	94.5	26.7	NA	NA
West Virginia	32.3	NA	67.7	8.0	53.4	6.9	15.2	20.2
Wisconsin	72.3	18.9	75.4	18.9	77.4	20.6	50.8	19.3
Wyoming	82.6	NA	88.0	4.2	89.9	2.9	51.8	1.5
Total	**59.9**	**18.9**	**65.2**	**16.4**	**62.2**	**17.9**	**47.6**	**18.2**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	NA	17.7	70.5	16.2	72.2	15.2	72.0	14.2
Alaska	R60.6	78.7	R55.2	80.6	70.7	NA	NA	81.3
Arizona	88.1	38.4	89.2	NA	89.6	45.9	90.3	45.2
Arkansas	NA	2.7	NA	NA	NA	2.7	NA	2.8
California	61.8	4.6	61.8	4.4	64.2	4.6	64.5	6.2
Colorado	99.9	NA	99.7	NA	99.5	NA	99.6	NA
Connecticut	78.4	44.0	77.1	33.6	73.8	46.1	71.2	48.8
Delaware	98.4	6.5	98.6	8.0	98.4	NA	98.3	14.7
District of Columbia	18.0	—	17.6	—	19.9	—	20.8	—
Florida	35.9	1.4	36.2	1.3	38.2	1.6	39.2	1.4
Georgia	12.6	5.0	10.1	5.6	11.0	5.4	10.1	5.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	81.0	NA	79.5	NA	76.2	1.9	79.0	0.9
Illinois	28.0	5.1	28.7	NA	27.3	6.8	34.6	7.2
Indiana	NA	5.5	62.0	4.7	68.6	5.5	81.5	4.7
Iowa	65.5	NA	64.3	4.7	67.3	4.7	77.1	4.6
Kansas	48.2	NA	46.3	13.8	51.1	9.5	53.6	7.3
Kentucky	71.8	16.9	68.9	15.9	71.3	14.5	71.5	13.7
Louisiana	NA	R8.1	NA	R7.4	NA	R9.7	NA	R10.2
Maine	NA	100.0	NA	NA	37.8	NA	NA	NA
Maryland	NA	NA	19.9	4.1	NA	NA	25.1	3.1
Massachusetts	31.3	17.1	40.3	R45.7	34.3	30.8	39.1	33.0
Michigan	43.1	5.2	45.1	NA	54.5	5.6	58.1	8.0
Minnesota	NA	NA	82.8	NA	86.4	23.6	91.8	41.5
Mississippi	NA	25.4	96.6	23.8	96.7	25.9	95.8	22.9
Missouri	65.8	8.8	67.5	8.3	70.1	8.8	53.9	9.1
Montana	69.7	0.7	66.8	0.9	66.0	1.3	69.8	2.1
Nebraska	63.0	7.0	61.0	6.2	51.2	20.6	50.1	12.7
Nevada	63.1	19.3	63.4	18.6	84.5	41.8	84.5	46.0
New Hampshire	72.4	NA	64.7	NA	NA	51.9	75.7	38.7
New Jersey	27.1	NA	29.1	16.7	36.9	17.6	29.3	18.0
New Mexico	59.7	18.8	60.0	17.4	61.4	NA	50.5	15.9
New York	21.1	NA	21.1	13.8	29.0	8.7	36.8	9.5
North Carolina	84.6	37.1	86.6	44.4	87.4	43.3	87.0	44.2
North Dakota	NA	NA	80.6	7.7	81.8	7.3	52.1	10.9
Ohio	33.2	1.7	25.3	NA	25.7	1.5	30.0	1.2
Oklahoma	53.0	2.2	59.0	1.2	62.2	1.8	59.8	2.2
Oregon	97.5	8.7	97.4	9.8	97.9	10.8	98.4	12.3
Pennsylvania	41.9	4.1	43.2	3.9	44.0	4.5	47.1	4.7
Rhode Island	37.2	100.0	45.1	61.9	50.8	82.2	51.3	55.4
South Carolina	94.3	78.1	99.0	86.6	98.6	82.4	100.0	85.4
South Dakota	73.1	20.2	68.7	14.6	74.0	20.1	80.0	37.9
Tennessee	73.2	19.2	73.2	19.5	NA	NA	85.1	23.5
Texas	80.9	NA	89.1	47.3	89.3	40.8	89.3	41.8
Utah	69.8	13.6	69.4	NA	73.3	NA	72.9	13.1
Vermont	100.0	67.3	100.0	68.8	100.0	68.9	100.0	74.5
Virginia	53.3	11.1	52.2	10.8	51.6	9.8	58.7	14.2
Washington	NA	NA	NA	NA	NA	NA	92.4	29.5
West Virginia	12.2	NA	11.0	11.8	15.0	10.3	21.7	15.8
Wisconsin	49.3	14.5	51.4	11.1	60.2	13.3	69.1	16.9
Wyoming	60.7	NA	30.5	1.4	91.7	1.3	96.1	2.0
Total	**46.9**	**R18.9**	**47.8**	**18.6**	**52.5**	**R20.7**	**57.0**	**R20.2**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	78.1	15.7	81.8	17.7	80.9	17.5	76.0	19.0
Alaska	61.6	99.4	61.5	99.2	58.9	99.2	59.8	99.3
Arizona	92.1	51.2	93.2	64.1	94.8	53.9	94.9	68.9
Arkansas	NA	2.8	NA	4.1	65.5	3.5	NA	4.7
California	68.0	5.8	72.1	6.7	69.0	7.4	69.2	6.1
Colorado	NA	NA	99.5	0.1	99.2	—	89.0	NA
Connecticut	61.2	NA	85.2	NA	NA	56.4	72.0	39.4
Delaware	NA	NA	NA	NA	98.1	13.3	97.6	12.6
District of Columbia	21.6	—	22.6	—	23.8	—	23.8	—
Florida	40.4	1.4	43.7	1.6	44.6	2.5	47.7	1.6
Georgia	11.7	5.5	9.8	4.8	8.1	6.3	8.5	5.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	73.2	2.4	75.6	2.6	78.6	2.8	79.9	2.6
Illinois	37.9	9.8	41.0	10.6	43.1	10.7	41.3	11.3
Indiana	75.9	5.7	78.9	9.0	76.2	7.2	76.9	7.5
Iowa	83.2	6.2	80.7	7.6	82.4	4.6	79.6	8.3
Kansas	62.7	7.3	63.1	3.7	64.0	2.8	60.9	2.7
Kentucky	72.6	16.2	68.0	17.6	77.1	16.9	81.9	16.6
Louisiana	NA	R9.6	NA	R8.8	66.0	R9.3	61.2	R8.6
Maine	NA	100.0	50.2	100.0	53.3	—	57.4	100.0
Maryland	20.3	4.0	29.7	2.4	34.0	4.5	36.3	NA
Massachusetts	46.7	R67.2	56.4	R25.7	50.2	55.1	55.3	29.3
Michigan	65.5	11.1	76.1	13.7	68.7	12.9	68.5	14.0
Minnesota	84.2	30.7	NA	39.1	90.8	16.0	93.2	21.3
Mississippi	95.0	26.9	96.1	27.2	95.9	29.5	97.4	27.4
Missouri	82.2	14.1	85.8	23.0	80.4	24.4	80.1	21.4
Montana	73.2	2.4	81.8	3.7	73.6	3.0	74.6	3.1
Nebraska	51.5	15.0	58.7	25.4	57.5	16.6	75.0	19.4
Nevada	86.0	39.6	87.3	60.8	88.7	46.5	88.0	60.0
New Hampshire	NA	NA	84.2	NA	84.0	NA	84.5	32.1
New Jersey	49.7	20.7	53.8	20.2	55.3	21.4	59.7	27.2
New Mexico	54.0	11.9	63.7	8.8	75.9	4.9	78.2	4.3
New York	44.4	NA	48.4	8.5	49.3	14.2	50.4	8.9
North Carolina	89.7	39.1	90.6	27.0	91.6	25.1	92.7	29.9
North Dakota	91.9	14.8	NA	18.1	92.8	15.4	93.3	14.4
Ohio	34.8	3.1	33.8	3.3	37.1	3.3	41.3	3.5
Oklahoma	73.4	3.1	81.5	4.6	74.5	5.4	NA	4.9
Oregon	98.5	18.9	98.9	19.9	98.9	20.4	83.7	18.5
Pennsylvania	54.9	4.8	57.7	5.7	60.4	6.8	62.7	7.3
Rhode Island	56.4	67.9	NA	62.9	61.1	48.3	NA	53.4
South Carolina	99.7	82.6	97.0	78.8	97.2	81.9	98.4	84.6
South Dakota	85.3	43.1	89.3	36.7	85.3	50.0	NA	NA
Tennessee	91.4	22.1	91.9	28.6	93.7	24.4	88.5	26.4
Texas	73.4	48.7	75.3	29.5	90.8	31.0	91.9	29.4
Utah	78.5	94.6	90.3	93.6	87.1	94.8	87.3	94.4
Vermont	100.0	79.8	100.0	80.2	100.0	79.9	100.0	79.3
Virginia	58.9	14.2	61.8	18.5	66.0	19.8	64.4	14.1
Washington	92.5	36.0	93.5	30.7	93.6	NA	73.2	37.1
West Virginia	37.4	18.7	44.5	14.4	51.0	14.2	45.8	NA
Wisconsin	74.9	19.2	78.9	23.6	78.5	21.5	78.4	23.2
Wyoming	92.1	NA	89.4	2.9	91.4	2.0	83.0	1.8
Total	**60.3**	**22.5**	**65.6**	**R16.9**	**65.6**	**R17.4**	**66.8**	**R17.4**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.9	14.6	72.3	13.9	71.1	14.0	72.1	11.5
Alaska	66.1	89.7	63.9	99.4	64.6	99.3	62.1	94.9
Arizona	93.1	55.6	96.0	63.8	94.1	64.2	94.5	63.0
Arkansas	NA	6.7	NA	6.0	NA	6.0	NA	6.3
California	62.9	3.1	68.3	5.1	63.5	5.3	64.0	5.2
Colorado	99.9	11.8	100.0	0.2	100.0	0.5	100.0	0.6
Connecticut	76.1	56.6	84.0	50.2	68.6	60.2	71.2	75.6
Delaware	98.5	16.5	98.1	16.7	98.0	15.3	98.4	12.1
District of Columbia	25.8	—	25.5	—	22.5	—	21.4	—
Florida	50.5	2.2	44.5	3.0	40.7	2.3	40.7	1.9
Georgia	11.0	5.9	7.3	6.0	10.5	6.1	7.4	5.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	83.9	2.2	79.4	2.4	76.0	1.9	69.3	1.6
Illinois	40.0	NA	41.4	NA	36.0	9.8	36.0	8.0
Indiana	NA	NA	81.3	9.1	72.1	5.9	68.9	7.4
Iowa	NA	NA	NA	NA	75.9	9.5	71.7	6.9
Kansas	60.5	7.7	54.7	3.6	46.7	6.6	48.0	6.4
Kentucky	80.1	15.9	75.0	14.4	79.1	13.8	73.5	16.5
Louisiana	NA	R8.4	96.1	R9.2	96.3	R10.1	96.0	R8.7
Maine	100.0	R30.4	100.0	R15.8	100.0	R19.1	100.0	32.9
Maryland	33.5	NA	37.5	NA	27.6	5.5	28.7	NA
Massachusetts	56.3	NA	45.7	NA	50.7	28.8	42.1	18.0
Michigan	63.3	8.6	68.3	11.6	61.7	9.3	57.2	7.0
Minnesota	98.2	40.6	95.6	39.6	98.0	32.2	98.5	50.4
Mississippi	94.1	NA	95.1	28.3	94.9	NA	95.8	20.4
Missouri	80.3	15.3	77.6	31.3	71.0	11.6	67.9	9.3
Montana	76.8	2.2	81.5	3.0	75.4	1.9	75.0	1.2
Nebraska	61.4	16.6	55.2	16.7	59.0	10.6	69.3	17.7
Nevada	73.2	7.8	88.9	77.6	85.2	45.9	82.9	39.3
New Hampshire	R84.1	R31.6	80.9	41.3	81.8	56.5	51.6	32.2
New Jersey	59.0	R44.8	58.7	21.1	56.1	15.6	53.2	16.8
New Mexico	66.3	17.3	76.1	11.4	87.7	10.8	61.4	9.7
New York	43.9	2.6	51.8	9.6	48.1	15.5	37.6	4.8
North Carolina	93.3	28.7	89.2	27.9	87.5	20.3	84.8	14.3
North Dakota	90.2	9.9	93.2	18.0	90.9	13.5	89.2	12.2
Ohio	40.8	3.3	39.5	3.0	41.0	2.5	36.7	2.3
Oklahoma	70.4	3.4	77.1	3.7	62.7	3.4	56.7	2.1
Oregon	99.3	15.6	99.0	21.7	100.0	20.8	100.0	21.4
Pennsylvania	62.8	8.5	61.4	6.7	59.2	5.9	55.4	7.3
Rhode Island	58.0	2.9	52.4	100.0	49.4	100.0	41.9	100.0
South Carolina	96.6	79.9	96.2	81.3	95.8	79.2	92.1	76.2
South Dakota	NA	41.9	NA	44.3	82.0	45.3	80.2	33.1
Tennessee	91.8	R24.3	91.5	R26.0	88.4	R25.6	85.5	R18.9
Texas	80.9	30.7	88.0	29.7	84.7	30.3	83.7	31.1
Utah	84.6	10.5	86.2	94.0	83.2	94.1	80.7	94.8
Vermont	100.0	76.0	100.0	79.2	100.0	76.2	100.0	73.7
Virginia	67.5	NA	65.5	9.2	60.1	NA	61.3	NA
Washington	94.0	NA	97.3	45.7	93.5	31.5	93.8	NA
West Virginia	60.4	15.4	37.1	64.3	67.8	29.5	32.8	9.6
Wisconsin	76.3	18.9	83.6	21.9	75.8	18.9	73.0	15.0
Wyoming	86.0	4.1	96.0	2.7	64.8	3.2	85.5	3.4
Total	**65.0**	**R16.5**	**67.1**	**R17.2**	**63.8**	**R16.7**	**59.1**	**R16.1**

See footnotes at end of table.

Table 25

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	70.8	13.5	71.8	13.8	71.7	13.3	70.7	13.3
Alaska	68.9	94.4	71.6	89.8	70.6	90.6	73.2	92.8
Arizona	93.4	54.9	91.6	45.8	92.8	65.5	93.9	56.8
Arkansas	NA	4.5	NA	4.3	NA	6.2	NA	5.5
California	60.8	4.1	60.6	4.3	60.1	4.2	66.5	5.0
Colorado	100.0	2.3	100.0	3.7	100.0	3.9	100.0	1.0
Connecticut	73.9	60.4	71.6	63.5	77.8	37.6	83.8	46.8
Delaware	98.8	14.6	98.5	12.0	100.0	15.2	98.4	20.9
District of Columbia	19.2	—	27.1	—	19.0	—	21.3	—
Florida	41.7	1.7	45.5	2.3	46.3	1.4	49.5	4.6
Georgia	9.9	5.5	12.0	5.4	11.0	5.1	13.3	6.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	75.9	1.6	78.7	1.8	78.4	1.5	82.0	1.6
Illinois	30.9	7.3	27.5	5.6	30.0	5.4	29.0	6.2
Indiana	NA	NA	NA	0.8	NA	NA	NA	3.3
Iowa	60.1	4.4	81.7	4.4	71.3	NA	71.5	2.7
Kansas	53.5	14.0	50.3	18.8	52.0	15.6	52.9	7.9
Kentucky	71.6	14.6	75.0	14.6	71.5	14.6	63.9	13.3
Louisiana	NA	R9.1	96.3	R9.7	96.2	R9.2	96.4	R6.0
Maine	100.0	19.1	100.0	41.5	100.0	50.8	100.0	46.2
Maryland	18.0	5.3	21.8	5.3	22.4	8.3	23.3	3.8
Massachusetts	45.1	17.8	45.5	9.9	49.0	13.5	45.7	19.6
Michigan	49.2	5.8	40.1	5.6	41.6	5.0	48.3	5.1
Minnesota	98.7	36.5	97.6	44.4	98.8	38.8	99.4	38.8
Mississippi	96.2	28.0	93.6	29.4	93.4	25.9	93.9	31.9
Missouri	67.2	9.0	65.4	7.3	67.9	8.9	69.8	9.5
Montana	67.7	1.0	69.8	0.1	68.6	0.9	69.0	1.9
Nebraska	58.1	11.8	61.3	11.4	60.6	7.3	56.1	14.9
Nevada	71.1	33.4	70.4	36.7	82.0	36.5	54.8	11.8
New Hampshire	52.6	31.6	45.6	21.3	84.0	10.0	88.6	13.4
New Jersey	45.5	20.5	46.0	15.5	47.5	18.6	47.3	19.5
New Mexico	63.6	12.3	64.4	11.7	62.4	3.8	60.1	5.3
New York	22.8	4.2	22.7	10.2	23.0	9.2	30.9	10.0
North Carolina	86.9	19.9	86.1	17.9	87.1	21.3	88.3	25.3
North Dakota	84.5	8.1	84.1	4.8	83.8	1.1	82.0	5.6
Ohio	24.8	0.5	27.2	2.1	26.9	0.7	28.0	1.5
Oklahoma	50.7	2.6	49.2	2.5	43.7	1.5	59.8	2.0
Oregon	89.9	23.7	99.3	27.1	99.2	23.8	99.2	21.0
Pennsylvania	52.9	6.5	54.5	6.0	57.4	6.4	58.3	4.0
Rhode Island	47.3	100.0	46.2	100.0	44.1	100.0	52.6	100.0
South Carolina	93.6	77.5	95.8	77.8	94.9	77.9	96.0	77.4
South Dakota	75.6	23.9	75.3	26.3	69.2	28.4	78.2	32.5
Tennessee	86.3	R23.7	82.8	R22.2	85.4	R21.8	87.5	R19.1
Texas	85.4	32.5	82.6	30.1	72.9	31.6	79.0	29.5
Utah	78.3	94.8	76.5	95.3	76.4	95.6	76.9	95.5
Vermont	100.0	71.0	100.0	68.1	100.0	66.3	100.0	68.4
Virginia	54.8	10.1	51.6	8.1	50.0	3.6	59.5	16.3
Washington	88.3	34.6	87.4	34.8	89.9	26.9	91.6	30.7
West Virginia	48.7	6.7	49.2	10.1	52.4	8.8	44.5	8.3
Wisconsin	60.2	10.3	56.6	11.7	68.8	11.6	67.8	10.5
Wyoming	89.6	2.9	79.2	2.9	84.4	2.6	97.2	3.3
Total	**52.6**	**R16.1**	**53.6**	**R15.3**	**53.2**	**R15.8**	**58.3**	**R14.8**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	73.3	10.0	80.6	12.0	77.3	11.8	84.3	14.5
Alaska	65.6	97.2	65.7	99.7	67.9	99.6	64.6	99.6
Arizona	92.7	53.9	89.3	51.4	95.7	50.8	91.5	52.5
Arkansas	86.8	7.4	NA	5.2	NA	10.1	NA	11.2
California	63.0	5.8	52.2	6.7	64.6	8.5	66.8	8.5
Colorado	100.0	0.8	100.0	0.2	99.8	0.1	100.0	0.1
Connecticut	77.5	61.3	73.1	52.8	77.8	53.5	74.4	51.2
Delaware	98.5	15.2	98.7	13.4	98.5	20.4	98.7	29.7
District of Columbia	23.9	—	24.1	—	28.8	—	28.2	—
Florida	53.4	4.2	57.7	3.5	56.3	2.8	59.2	3.7
Georgia	13.3	6.2	15.4	5.6	9.1	6.7	13.5	8.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	85.7	1.9	86.4	2.1	88.6	2.5	90.2	3.2
Illinois	33.6	6.6	40.4	8.2	42.6	10.8	43.7	13.6
Indiana	NA	3.8	78.9	6.3	NA	6.5	NA	13.3
Iowa	69.7	6.0	77.2	4.7	83.2	6.3	84.9	8.8
Kansas	55.4	6.4	67.1	2.4	64.8	2.6	63.8	2.4
Kentucky	73.6	15.0	75.6	11.6	82.7	16.4	84.0	18.9
Louisiana	96.5	R7.3	96.7	R8.1	96.9	R6.4	95.7	R7.7
Maine	100.0	R29.1	100.0	R22.5	100.0	R30.8	100.0	R34.5
Maryland	24.7	5.7	31.2	6.1	40.8	8.2	42.3	9.7
Massachusetts	48.7	22.7	61.8	25.2	63.9	42.5	63.4	34.6
Michigan	57.8	8.3	62.6	12.5	68.2	14.4	68.8	16.2
Minnesota	97.6	35.3	98.6	41.4	99.4	48.0	98.7	53.0
Mississippi	92.5	24.3	95.1	31.8	95.7	25.3	87.3	35.1
Missouri	71.6	10.4	82.6	13.5	83.5	18.0	85.6	15.7
Montana	68.7	2.3	75.1	2.6	61.8	2.8	88.2	3.1
Nebraska	51.4	17.6	53.7	18.7	60.7	27.5	61.8	26.8
Nevada	58.0	12.0	64.2	18.1	65.3	15.4	73.5	23.1
New Hampshire	R70.4	R16.9	92.1	60.2	90.4	30.9	91.9	35.8
New Jersey	50.9	21.2	60.4	21.9	62.0	27.5	65.6	R31.1
New Mexico	60.6	5.5	48.5	47.9	66.4	31.2	68.0	27.4
New York	34.7	10.4	54.2	11.2	58.3	13.4	63.1	14.7
North Carolina	93.5	28.6	96.1	30.0	96.9	28.5	98.2	31.0
North Dakota	85.8	5.9	88.9	8.3	89.4	16.8	92.2	13.9
Ohio	27.2	1.7	40.5	2.8	43.9	4.7	42.9	4.4
Oklahoma	61.9	1.8	72.4	3.2	69.6	4.3	77.5	4.9
Oregon	99.2	20.8	99.4	20.5	100.0	18.9	100.0	17.3
Pennsylvania	58.5	6.2	62.3	8.2	66.0	9.1	67.5	13.6
Rhode Island	60.2	100.0	63.9	100.0	62.5	100.0	64.9	100.0
South Carolina	96.5	76.5	97.4	81.5	96.8	81.4	98.3	86.5
South Dakota	83.9	34.9	84.1	50.5	86.7	52.2	85.1	54.6
Tennessee	88.2	R21.0	92.8	R22.2	92.8	R27.3	95.0	R27.9
Texas	72.5	28.3	77.9	29.5	77.5	29.0	79.9	30.8
Utah	80.0	94.8	84.6	92.2	85.7	94.0	87.6	94.2
Vermont	100.0	69.2	100.0	79.4	100.0	79.7	100.0	80.4
Virginia	57.0	8.8	68.1	12.4	77.9	14.3	79.8	16.7
Washington	89.9	30.9	96.0	33.5	94.8	38.9	94.9	37.0
West Virginia	52.6	9.2	72.7	9.7	72.3	6.9	80.1	6.9
Wisconsin	66.2	11.8	75.5	17.3	73.8	25.1	81.1	25.4
Wyoming	93.6	2.8	92.1	4.8	89.4	5.3	91.6	5.7
Total	**59.6**	**R15.3**	**65.5**	**R16.5**	**68.3**	**R17.1**	**70.6**	**R18.0**

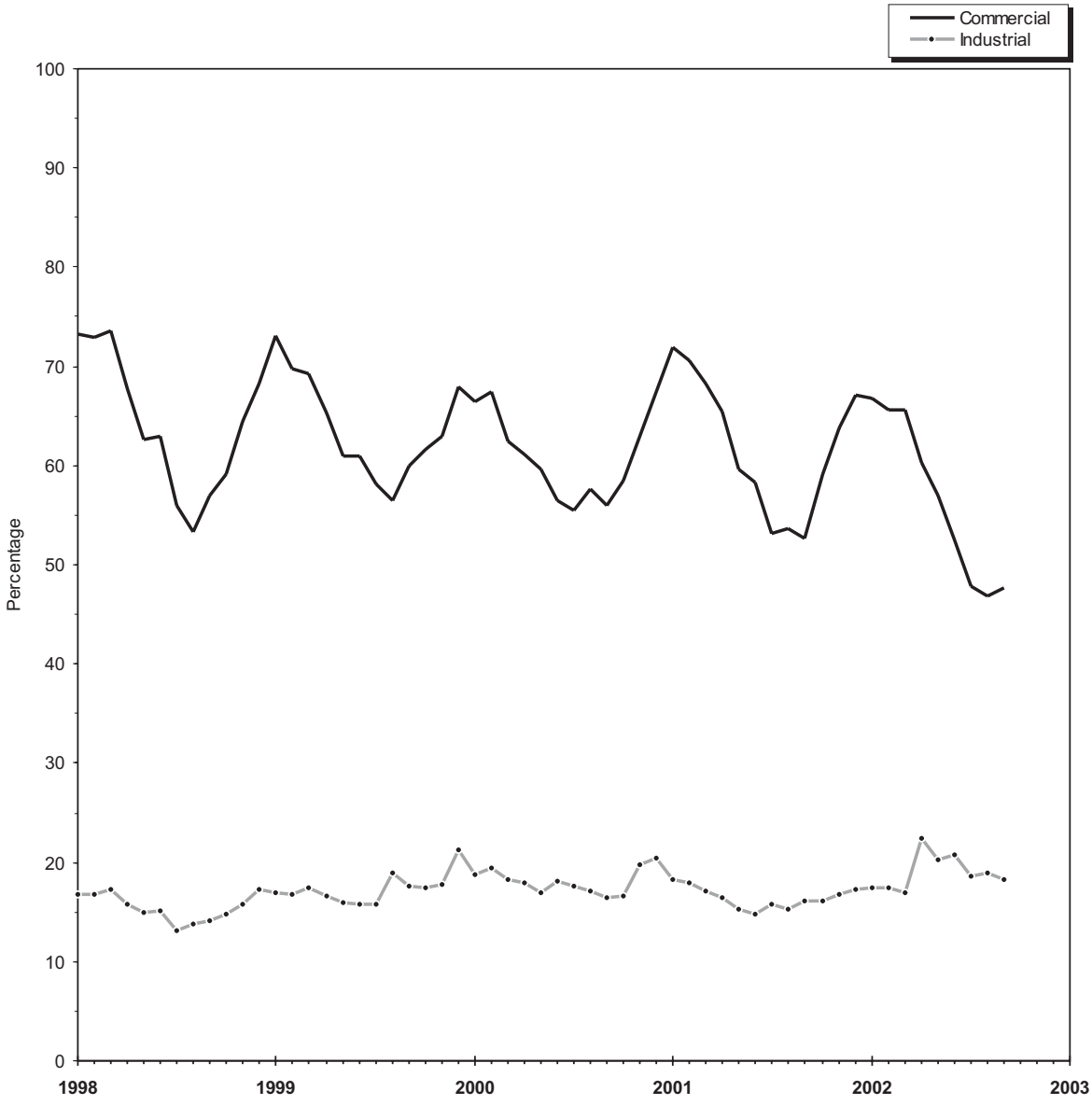
R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Figure 6

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1998-2002



Source: Table 25.

Table 26. Gas Home Customer-Weighted Heating Degree-Days

Census Divisions	Cumulative November 1 through November 30				
	Normal[a]	2001	2002	Percent Change	
				Normal to 2002	2001 to 2002
New England					
CT, ME, MA, NH, RI, VT	700	596	763	9.0	28.0
Middle Atlantic					
NJ, NY, PA	665	497	742	11.6	49.3
East North Central					
IL, IN, MI, OH, WI	756	508	776	2.6	52.8
West North Central					
IA, KS, MN, MO, ND, NE, SD	830	528	840	1.2	59.1
South Atlantic					
DE, FL, GA, MD and DC, NC, SC, VA, WV	437	311	504	15.3	62.1
East South Central					
AL, KY, MS, TN	447	306	531	18.8	73.5
West South Central					
AR, LA, OK, TX	303	215	371	22.4	72.6
Mountain					
AZ, CO, ID, MT, NV, NM, UT, WY	747	615	721	-3.5	17.2
Pacific[b]					
CA, OR, WA	350	306	239	-31.7	-21.9
U.S. Average[b]	581	421	596	2.6	41.6

[a] Normal is based on calculations of data from 1961 through 1990.
[b] Excludes Alaska and Hawaii.
Note: See Appendix A, Explanatory Note 10 for discussion of Heating Degree-Days computations.
Sources: National Oceanic and Atmospheric Administration.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (*NGM*). The information in this Appendix is provided to assist users in evaluating the monthly data. There is a brief description of what data are estimated and what data are taken from submitted reports, followed by ten technical notes that provide important information for individual data series.

The monthly data are preliminary when initially published. Data shown in this report for the most current months are taken from the EIA Short-Term Integrated Forecasting System (STIFS) model computations. Each month, EIA staff review the STIFS model estimates and adjust them, if necessary, based on their knowledge of new developments in the natural gas industry. Data for prior months are estimated or taken from submitted reports.

For data that are not taken from STIFS computations, Table A1 lists the methodologies for deriving the monthly data to be published.

The STIFS model contains a series of calculations that produce forecasts for all of the energy industry. It is driven primarily by three sets of inputs or assumptions: estimates of key macroeconomic variables, world oil price assumptions, and assumptions about the severity of weather. The natural gas estimates also reflect other key inputs or assumptions including gas wellhead prices, electric power generation by other

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and estimated from historical data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Estimated from historical month-to-month percent changes
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from reports to the sample survey Form EIA-857
Commercial	Estimated from reports to the sample survey Form EIA-857
Industrial	Estimated from reports to the sample survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

energy sources, and U.S. gas import capacity. The macroeconomic variable estimates are produced by DRI/McGraw-Hill but are adjusted by EIA to reflect EIA assumptions about the world price of oil, energy product prices, and other assumptions which may affect the macroeconomic outlook. The EIA publishes forecasts for the energy industry each quarter in the Short-Term Energy Outlook.

For production, total supply and disposition, and storage data (Tables l, 2, and 9), the most current two months shown are estimates produced from STIFS computations, and data that are two months or more prior to the date of publication are estimated or taken from submitted reports. For example, in the March issue of the *NGM*, February and March data are taken from the STIFS model computations while January and prior months data are estimated from available data sources or reported directly on EIA forms. For consumption data by sector (Table 3), the most current three months shown are estimates produced from STIFS computations while data that are three months prior to date of publication are taken from EIA forms.

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production-carbon dioxide, helium, hydrogen sulfide, and nitrogen -are reported by State agencies on the voluntary Form EIA-895. Eleven of the 32 producing States reported data on nonhydrocarbon gases removed during 2000. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. States reporting monthly data on nonhydrocarbon gases removed are estimated based on annual data reported on Form EIA-895. States' nonhydrocarbon gases as an annual percentage of gross withdrawals reported is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The sums of the reported figures were used to calculate monthly volumes. In 1997 the Form EIA-627 was discontinued. States were requested to file an annual schedule on the monthly Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-895 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-895 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-895 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-895 for the previous year. State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the EIA-895. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-895 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data are the sums of monthly data reported on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," annual schedule.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are published from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, which requires data to be reported each quarter by month for the calendar year.

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation off sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or "spot-market" prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Agricultural Use

Beginning with the reporting of 1996 annual data, the EIA changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. In 1995 and earlier years, consumption of natural gas for agricultural use was classified as commercial use. Separate reports of the volumes affected are not available so the direct impact of this change is not known. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops.

In comparing sectoral use over time, note that:

- There is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector.
- The sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification of the instructions.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly plant fuel data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-627 and estimates from the Form EIA-176. See the *Natural Gas Annual* for a complete discussion of this process.

Note 6. Extraction Loss

Annual Data

Extraction loss data are calculated from filings of Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." For a fuller discussion, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1994. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Types of Underground Storage Facilities

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted reservoir fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 8. Average Wellhead Value

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Preliminary Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures closing price for near-month delivery at the Henry Hub, and prevailing cash market prices (spot prices) at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is reported in the trade publication, *Gas Daily* (published by Financial Times Energy). The spot prices are published in another trade publication, *Natural Gas Week* (Energy Intelligence Group), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs. Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through the present. A statistical procedure was adopted beginning with publication of the February 1999 issue of the *Natural Gas Monthly*. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final Monthly Data

The Form EIA-895 requests State agencies to report monthly values of marketed production. Preliminary monthly gas price data are replaced by these final monthly data.

Note 9. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual "balancing item" data, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary monthly data in the "balancing item" category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply / disposition.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC. Data are collected from two annual surveys and five monthly surveys.

The annual report is the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines.

The monthly reports include two surveys of the natural gas industry, two surveys of the electric utility industry, and a voluntary survey completed by energy or conservation agencies in the gas producing States. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 is filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil-fueled plants. Responses to these four monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 version of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers were categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

After being approved by the OMB in 1999, the Form EIA-176 was revised to: (1) change the filing date from April 1 following the end of the report year to March 1 following the end of the report year, (2) remove the requirement to distinguish between firm and interruptible deliveries to consumers; and (3) remove the requirement to distinguish between gas volumes delivered to commercial and industrial consumers having nonutility generation of electricity from those not generating electricity.

Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 2000 for report year 1999 totaled 1,872 questionnaire packages. To this original mailing, 8 names were added and 18 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,847 responses from approximately 1,400 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,826 responses were entered into the data base, and there were 21 nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multi-line schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year were due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"

Survey Design

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from the appropriate State agencies were collected on the Form EIA-627, "Annual Quantity and Value of Natural Gas Report." This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month were added to the EIA-627. In 1996, the Form EIA-627 was discontinued. The information is collected on an annual schedule on the Form EIA-895.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In 1994, the Interstate Oil and Gas Compact Commission (IOGCC) decided to discontinue collection of their form. Data collection on the Form

EIA-895, "Monthly Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the IOGCC form, "Monthly Report of Natural Gas Production." All gas producing States are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace the Form EIA-627. Data are reported by State agencies. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Survey Universe and Response Statistics

Form EIA-895 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. EIA-895 survey by filing the completed form or by responding to telephone contacts.

Reports on State production are due 20 days after the end of the report month. (In most cases, the data are not available to the States until after this time period. Therefore, States are requested to send the report within 80 days after the end of the report month.) The annual schedule of the Form EIA-895 is due with the December data report.

Of the 32 natural gas producing states, all participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon gases removed in 2000 were reported by the appropriate agencies of 11 of the 32 producing States. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (112,393), Colorado (413,290), New Mexico (583,581), and Wyoming (151,449).

Summary of Data Reporting Requirements

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is the annual schedule which collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

Respondents are asked to report all volumes in thousand cubic feet at the State's standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-895 Edit Checks

Each filing of Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Reasonableness of data is assessed by comparing reported data to the previous year's data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-895

Data from Form EIA-895 are also published in the EIA publication, *Natural Gas Annual.*

EIA-191 Survey, "Underground Natural Gas Storage Report"

Survey Design

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 is a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas were collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8 / FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by

FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms continue to file Form EIA-191.

Survey Universe and Response Statistics

The 140 companies that operate underground facilities file the Form EIA-191. The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in the prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to re-file reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publication *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). From 1979 to 1994, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Beginning in 1995, import and export data are taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas.

Survey Universe and Response Statistics

All companies are required, as a condition of their authorizations to import or export natural gas, to file quarterly reports with the Office of Fossil Energy. These data are collected as part of its regulatory responsibilities. The data are reported at a monthly level of detail.

Routine Edit Checks

Respondents are required to certify the accuracy of all data reported. The data are checked for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are compared with data reported by the National Energy Board of Canada and are published quarterly. All natural gas

volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 95 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and the Form EIA-759, "Monthly Power Plant Report.") See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-906, "Power Plant Report," Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,449 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2000 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2000. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 395 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 17 States and the District of Columbia where sampling was not feasible due to small numbers of companies and / or small volumes of gas deliveries, all companies were selected. The 17 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, Michigan, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential / commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential / commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential / commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C.j) were included in the certainty stratum. The formula for C.j was:

$$C_{.j} = \frac{X_{.j}}{2n} \qquad (1)$$

Where:

$C_{.j}$ = cutoff value for consumer sector j,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X..$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (Xi.). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n\frac{X2}{X..} \qquad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

$X2$ = the sum within State of the Xi. for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X2}{m}\right)I$. The first sampled company was the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In five States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X2 was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

California: companies delivering gas to residential consumers and those who do not deliver to residential consumers.

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial —in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (Evj) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \qquad (3)$$

where:

$\gamma_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$ = the sum within State of annual gas volumes in consumer sector *j* for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{.j} = {}_{y.j} \times E_{vj} \qquad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector *j*,

y_j = the sum within State of reported monthly gas volumes in consumer sector *j*.

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j'}$$

where:

P_j = the average price for gas sales within the State in consumer sector j,

R_j = the reported revenue from natural gas sales within the State in consumer sector *j*,

V_j = the reported volume of natural gas sales within the State in consumer sector *j*.

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

Where:

$$F_t = F_{t-1} \times \frac{y_{.jt}}{y_{.jt-1}} \qquad (5)$$

F_t = imputed gas volume for current month t,

F_{t-1} = gas volume for the company for the previous month,

$y_{.jt}$ = gas volume reported by companies in the State stratum for report month t,

$y_{.j\,t-1}$ = gas volume in the previous month for companies in the State stratum that reported in month t.

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V^*_{jm} = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \qquad (6)$$

where:

V^*_{jm} = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = The annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R^{*}_{jm} = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \qquad (7)$$

where:

R^{*}_{jm} = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^{H} \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h}\right)}{n_h (n_h - 1)} \left(\sum_{i=1} (y_i - T x_i)^2 \right) \right] \qquad (8)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company I

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, September 2002

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	240	214	2,971	2,988	NA	0.38	1.15
Alaska	0	0	0	0	—	—	—
Arizona	7	64	0	64	0.07	0.20	—
Arkansas	NA	NA	12	NA	NA	NA	0.05
California	320	78	11,787	11,792	0.06	0.05	0.19
Colorado	1,102	912	616	1,557	0.42	0.65	1.39
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	NA	NA	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	141	134	1,001	1,020	NA	1.09	0.54
Georgia	48	39	647	650	0.10	1.69	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	243	159	282	405	0.47	0.40	0.62
Indiana	144	76	1,290	1,301	NA	0.49	0.43
Iowa	7	59	104	120	0.06	0.10	0.32
Kansas	92	76	716	726	0.36	0.10	0.63
Kentucky	155	207	898	934	0.70	0.89	NA
Louisiana	NA	NA	6,710	NA	NA	NA	NA
Maine	0	0	0	0	—	—	—
Maryland	6	41	22	47	0.01	0.09	0.42
Massachusetts	36	594	943	1,115	0.27	0.31	0.86
Michigan	0	0	0	0	—	—	—
Minnesota	270	95	615	678	0.54	0.09	0.19
Mississippi	136	106	210	272	0.80	0.43	0.18
Missouri	78	41	256	270	0.13	0.32	NA
Montana	4	4	0	6	0.05	0.07	—
Nebraska	15	51	390	394	0.46	0.03	0.14
Nevada	0	0	0	0	—	—	—
New Hampshire	0	NA	0	NA	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	74	144	348	384	0.57	NA	NA
New York	NA	NA	8,334	NA	NA	NA	0.30
North Carolina	20	21	201	203	0.23	0.12	0.28
North Dakota	0	0	0	0	—	—	—
Ohio	144	119	447	485	0.18	0.23	0.12
Oklahoma	25	606	574	835	0.40	0.97	NA
Oregon	0	0	0	0	—	—	—
Pennsylvania	0	0	0	0	—	—	—
Rhode Island	0	0	0	0	—	—	—
South Carolina	18	54	72	92	0.55	0.30	0.14
South Dakota	0	0	0	0	—	—	—
Tennessee	98	93	1,042	1,050	0.78	0.47	0.42
Texas	1,191	20,164	18,744	27,556	0.69	0.74	0.05
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	41	66	656	660	0.47	0.38	0.68
Washington	NA	NA	NA	NA	NA	NA	NA
West Virginia	450	498	55	674	NA	0.14	0.49
Wisconsin	22	861	2,281	2,438	0.62	0.17	0.34
Wyoming	9	36	243	246	0.48	0.27	0.63
Total	**1,812**	**23,993**	**25,049**	**34,734**	**0.17**	**0.20**	**0.19**

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Javed Zaidi (202)586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202)586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S.Department of Energy, "Natural Gas Import and Exports"	Javed Zaidi (202)586-8695
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sylvia Norris (202)586-6106
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quarterly Natural Gas Import and Export Sales and Price Report	Javed Zaidi (202)586-8695
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Underground Storage:	9,10,11, 12,13, 14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Utility, All Consumers	 15 16 17 18 19	 Monthly:	 Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	 Roy Kass (202)586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility	 20 21 22 23 24	 Monthly:	 Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	 Roy Kass (202)586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202)586-6077
Highlights				Mary Carlson (202)586-4749

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Reservoir Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in

agriculture, forestry, and fisheries. Also included in industrial consumption are natural gas volumes used in the generation of electricity by other than regulated electric utilities.

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and / or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt "bed" or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and / or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.